

DRAFT PROPOSAL
FOR
DISTRICT PRIMARY
EDUCATION PROGRAMME
(DPEP)

1996 - 2003

PANCHMAHAL DISTRICT
GUJARAT STATE

OCTOBER-1995

Name of the Institution
National Institute of Educational
Planning and Administration.
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DOC, No D-8915
Date 14-12-95

DISTRICT PRIMARY EDUCATION PROGRAMME

PANCHMAHAL DISTRICT GOVERNMENT OF GUJARAT

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CHAPTER i

Panchmahal district an overview

1. Introduction

Panchmahal District, with its large tribal population and hilly, forested terrain, is one of the ten backward Districts of Gujarat State. A brief account of the socioeconomic and demographic feature of the District has been presented below.

The Administrative headquarters of the District are located at Godhra. There are 9 towns and 1903 villages in the District. For administrative purposes, Panchmahal is divided into 11 talukas; at the lowest level of the Panchayati Raj organisation, there are fewer than 1000 village panchayats to administer the village development.

2. Geography

The district covers an area of 8866 square kms which is 4.8% of the total area of the State. It measures 128 Km. from north to south, and 115 Km. from east to west. It is bounded to the north by Sabarkantha and Rajasthan; to the west by Baroda and Kheda Districts; to the south by Baroda District and Madhya Pradesh; and to the east by Madhya Pradesh.

The northern and eastern parts of the District are characterized by hills and forests. This type of terrain characterises Jhalod, Santrampur, Dahod, Limkheda, Devgadbaria and Jambughoda talukas. In the middle and east of the District, the land mass is 300 m. above sea level; to the south, a small portion of the land is 450 m. above sea level. A majority of the land in the District is designated as unclassified forest area and is unirrigated crop land.

3. Water and irrigation

Water resources are rich: seven rivers flow through the District. The main rivers are Mahi and Panam that flow all year round. The average rainfall for the District is 7504 mm., but is unevenly distributed and the greater proportion falls on the eastern side, and the duration of rainfall is short.

Two Irrigation Projects at Kadana and Santrampur are under way. Some non-government organisations are also working to provide check-dams and lift irrigation. However, needs for potable drinking water and irrigation are yet to be met by various development programmes.

The lack of Irrigation facilities is a barrier to improving the quality of crops raised. Only Kalol, Lunavada and Jhalod taluka had irrigated areas that amounted to more than 10% of their total cultivable area in 1991. The eastern, border area of the District is in particularly great need of these facilities.

4. **Agriculture**

Given the geographic particularities of the terrain, and the lack of irrigation facilities there is relatively little land in the District which can be utilized for regular crop cultivation.

The soil of the district is mixed type i.e. medium black soil and grey brown alluvial soil. This soil is not attractive for agricultural cultivation although the medium black soil allows maize, a food crop, and the cash crop of ground nuts to do well. However the mixed soils support only the cultivation of inferior food crops (cereals). The potential for other food crops is being explored: bajra, wheat, rice, sorghum, cotton, sugar cane, chick pea, mung, tuwer dal.

Animal husbandary is another important source of income, but the size of herds is restricted by the limited amount of fodder available. This has affected the economic standards of the people.

In the whole of Gujarat State, Panchamahar district is an important source of minerals, The most important of which include quartez, graphite, cillica sand, felspar, china clay, manganese and calsite.

5. **Population**

The total population of the district as per 1991 Census is 2948725 people (1510450 male and 1437875 female). Out of the total population 47% are ST's. The tribals are concentrated in Dahod, Davgadhbaria, Jhalod, Limkheda and Santrampur talukas. All these taluka are towards the east of the district. Out of the total population, 1386162 people - nearly 42% of the whole belong to the Scheduled Tribes (Map 1). The proporations of tribal population are highest in Dahod, Jhalod and Santrampur taluka between 60-80% (Map 2). There are also tribal pockets in other talukas: Mora and Govindi pockets in Godhra taluka; Kathola pocket in Halol taluka; Karoli in Kalol taluka.

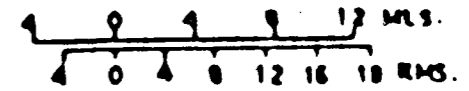
In 1991, the rural population of the district accounted for almost 89% of the total population. Large numbers of villages are populated by fewer than 2000 people, or even less than 1000 people in the five tribal talukas. Villages with less than 1000 population are some 80% of the villages in the whole district. It is noteworthy that tribal people habitually adopt a hamlet settlement pattern which means that the total land area of 'villages' can be very large-upto 5 km. but in fact they are composed of a group of hamlets.

The taluka with the highest urban population, at almost 28% is Dahod, followed by the district headquarters, Godhra, with 25.2%. Rates of urbanisation in other talukas are:

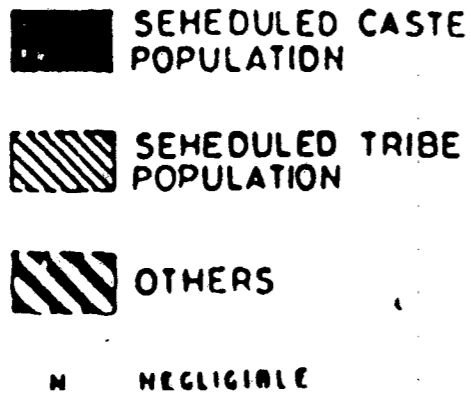
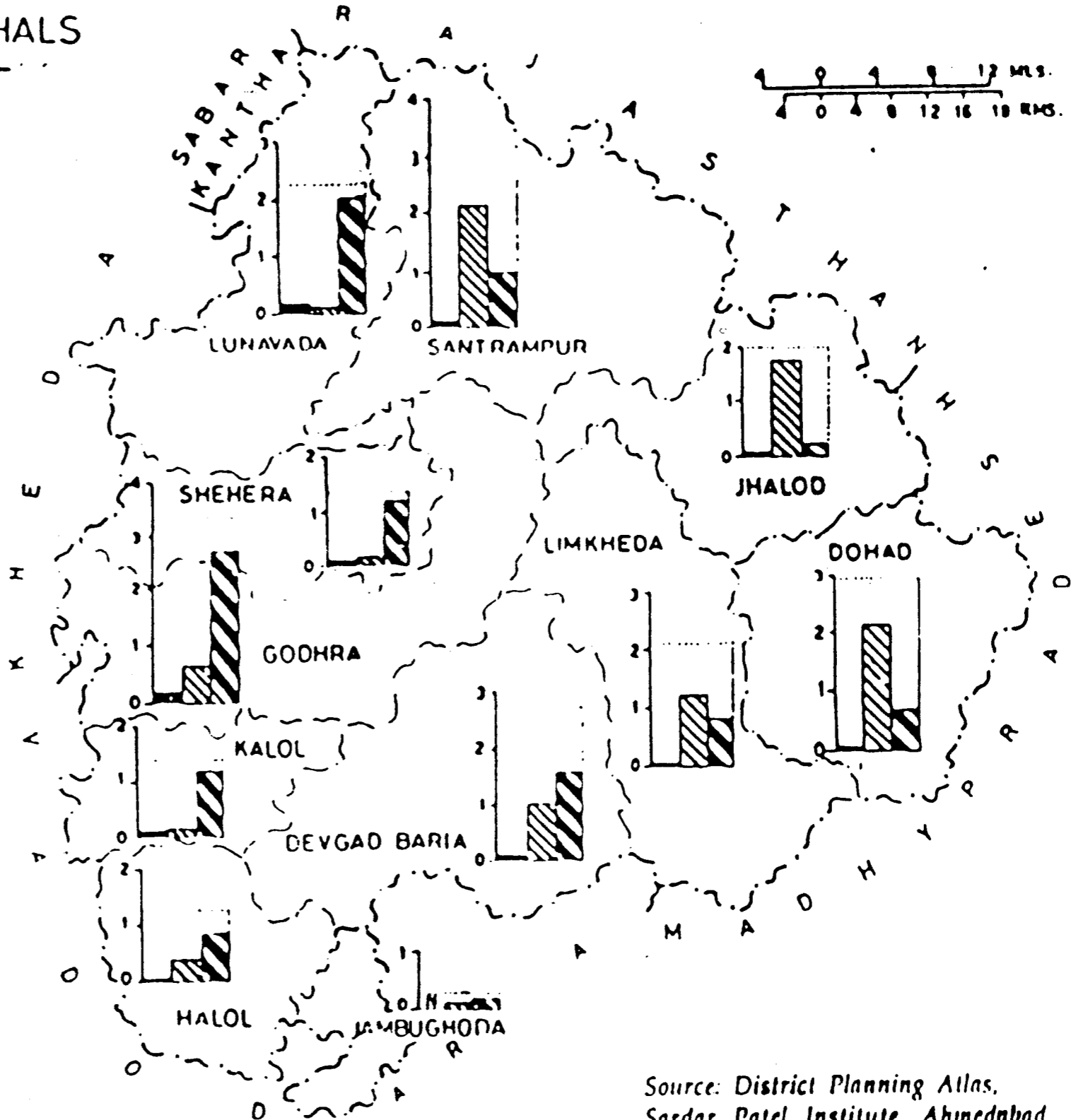
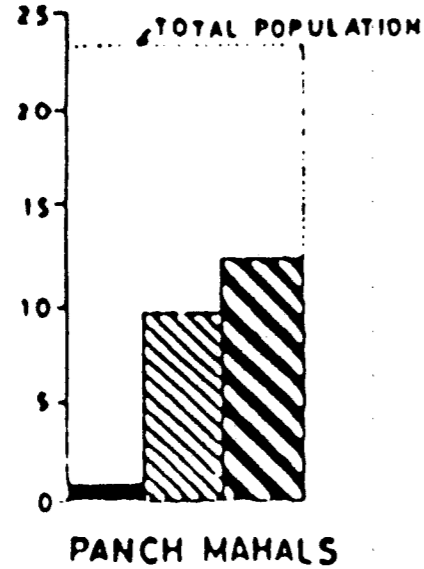
MAP - 1

GUJARAT DISTRICT PANCH MAHALS COMPOSITION OF POPULATION -

DISTRICT BOUNDARY.....
TALUKA BOUNDARY.....



IN LAKH
POPULATION



Source: District Planning Atlas,
Sardar Patel Institute, Ahmednbad

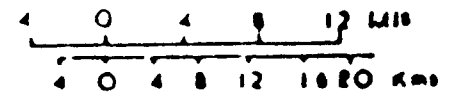
MAP-2

GUJARAT

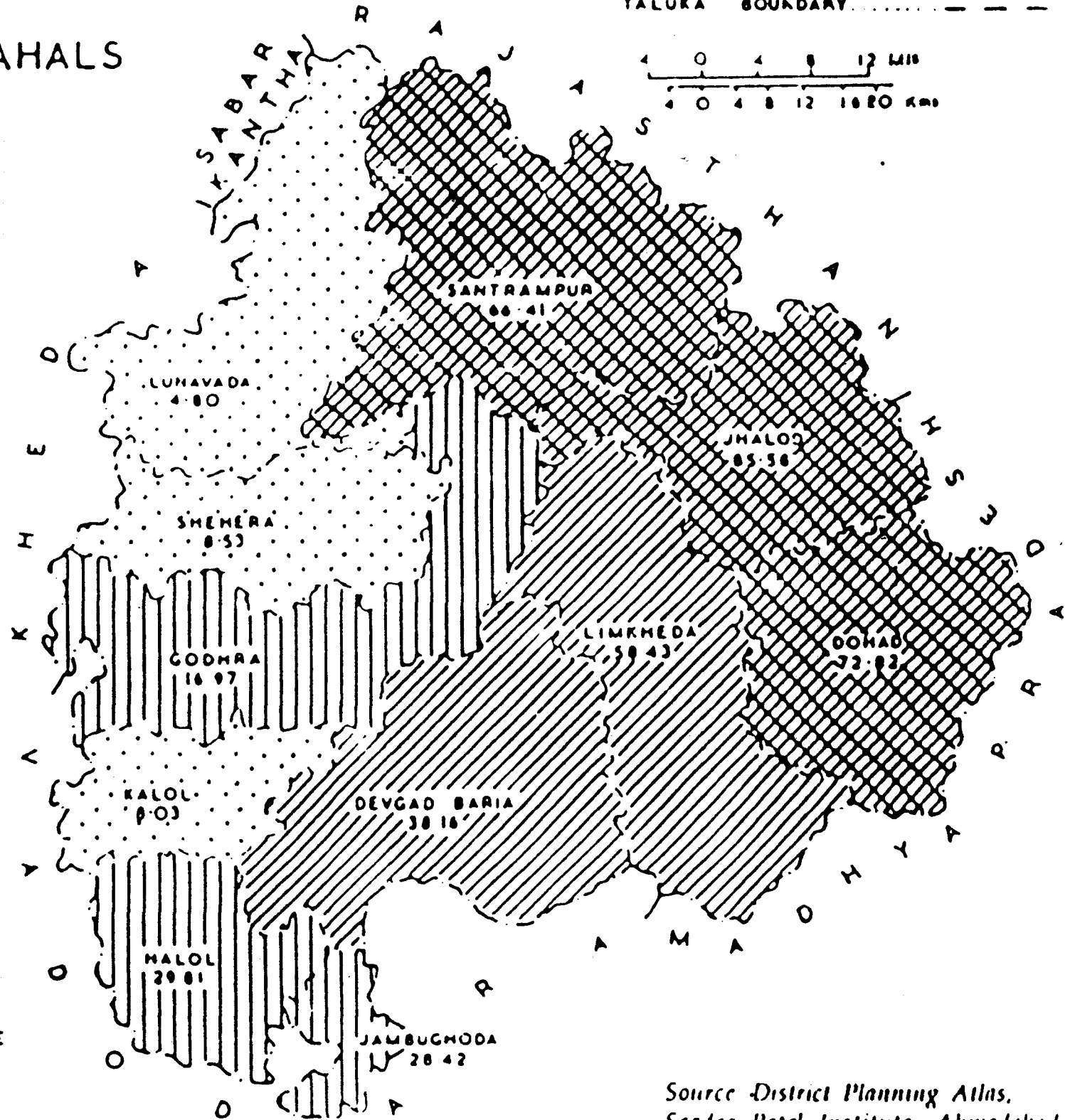
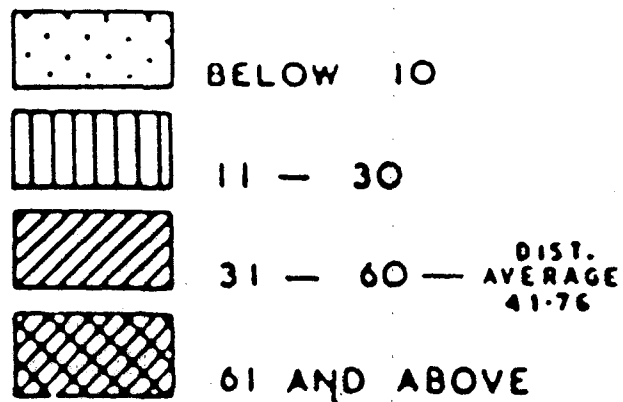
DISTRICT PANCH MAHALS

COMPOSITION OF SCHEDULED TRIBES

DISTRICT BOUNDARY
TALUKA BOUNDARY



PERCENTAGE OF SCHEDULED TRIBES TO TOTAL POPULATION 1981



Source District Planning Atlas,
Sardar Patel Institute, Ahmedabad

Halol - 18% Lunawada - 10.5%, Kalol 9.9% four talukas - Lunawada, Godhra, Santrampur and Kalol are urbanising relatively rapidly (25% in the 10 years preceding the 1981 census), while Shehra, Limkheda Jhalod and Jambughoda talukas are entirely rural.

There is an insignificant proportion of Scheduled Caste population. Other population bands are located in Godhra, Lunawada, Kalol, Devgadbaria and Shehra; in this part of the district, the regional sub-economy is comparatively better developed.

According to the latest census, the population density was 260 person per sq. km., but it is unevenly distributed. The densest population is in Kalol, which is 362 persons per sq. km., followed by Godhra (339) and Dahod (336) talukas. These are the only talukas which have population pressures, and all are relatively better off economically : a population of over 300 people per sq. km. indicates relatively more urbanisation (Map 3).

6 Sex ratio

Overall in 1991 the sex ratio for the district was 858 females per 1000 males. The average was almost equal in Dahod, Limkheda and Jhalod talukas; Santrampur and Lunavada were above the district average while Halol was well below: 919 females per 1000 males.

7 Occupational patterns

The bulk of the population are cultivators, followed by agricultural labourers, those engaged in trade and commerce, and in other industry and cottage and household industries. Overall some 90% of the population depends for its income on land-based activities. Small and marginal land holders account for more than half the total land owners; some 75% of land holders had land up to only 5 hectares. Because of the very small size of land holdings, it is difficult to persuade people to adopt intensive crop production techniques, or improved techniques of cultivation.

8 Industrial development

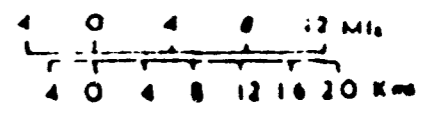
Industrial development has taken off in the last couple of years, but is still concentrated in Halol and Kalol talukas, with minor activity in Dahod and Godhra talukas. A district Industrial Centre was established in 1978, when only 16 small-scale industries were in existence.

Growth began after 1980, and by 1990, there were 1784 registered small-scale industries. This figure had jumped to 2816 by March 1993, and 65 middle to big industries have also been established. As a result, in the 2881 industrial units of the district, at least 10000 people are in new jobs. However, under the State's New

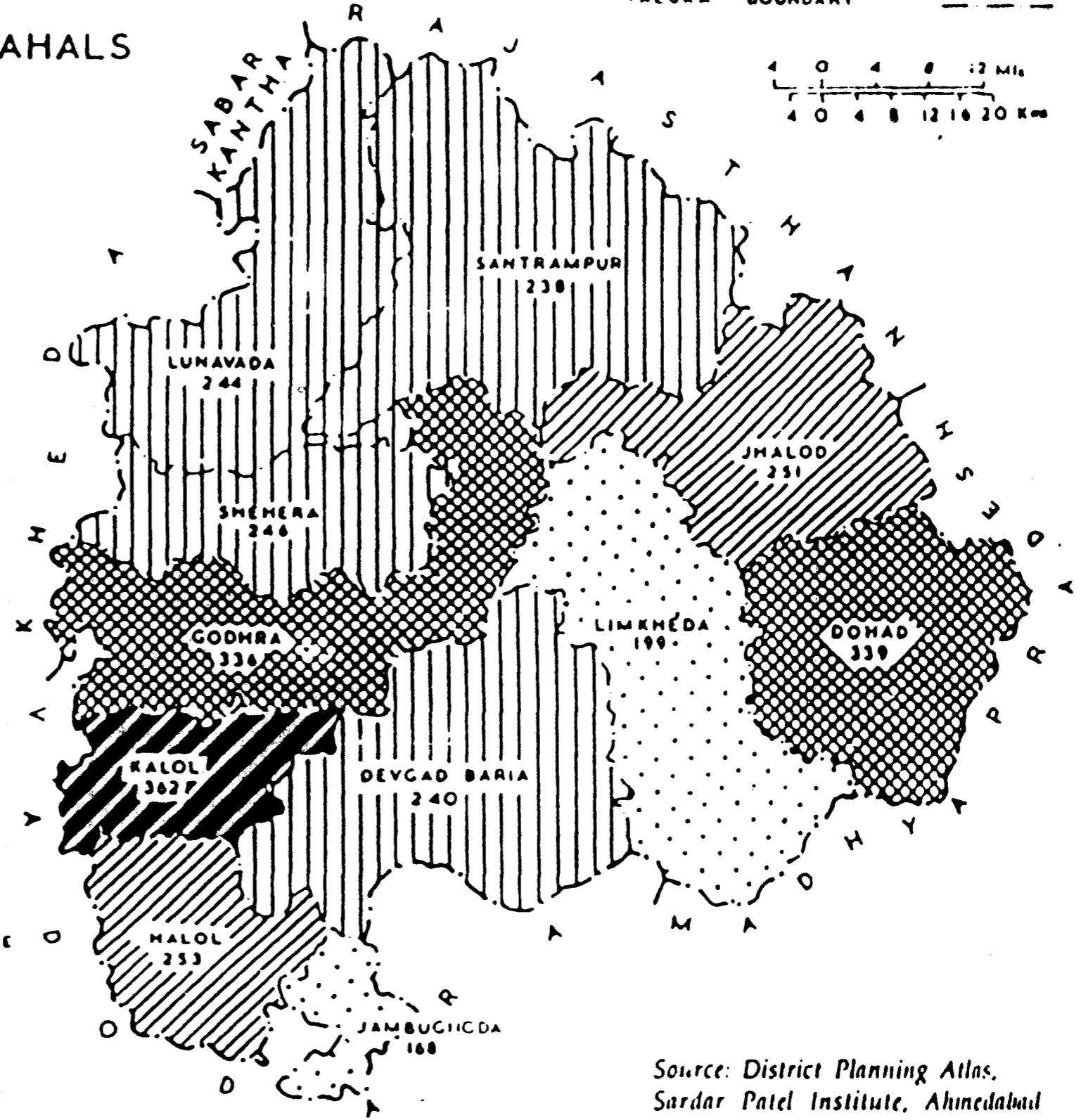
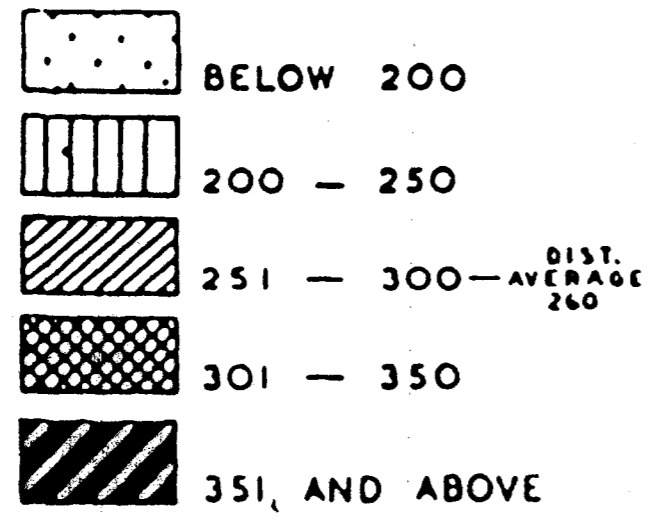
MAP - 3

GUJARAT
 DISTRICT PANCH MAHALS
 DENSITY OF POPULATION

DISTRICT BOUNDARY... - - - -
 TALUKA BOUNDARY - - - -



NUMBER OF PERSONS
 PER 50. KILOMETRE



Source: District Planning Atlas,
 Sardar Patel Institute, Ahmedabad

Industrial Policy (16.8.1990) all talukas except Halol and Kalol are officially declared industrially backward and come under special category for State financial support.

9. Migration

The erratic rainfall pattern and poor soil, combined with the small size of agricultural holdings, makes it impossible for a large number of small-scale cultivators to sustain themselves from their own land. It is an economic necessity for them to migrate to cities in other areas of Gujarat, in search of labour. Typically, they leave home in October-November and do not return until the monsoon, in June-July, except briefly to celebrate the festival of Holi. The average daily labour wage is about Rs.25 for men and Rs.20 for women in urban areas; Rs.30 per couple for agriculture. This amount is barely enough to sustain them, given the costs of travel, food and fuel.

10. Roads

The district has a relatively high proportion of Kaccha roads by March, 1995 there were 3165 Km. of Pucca roads and 2068 Km. Kachha roads Pucca roads comprise about 60% of the total length of roads. Limkheda, with 308 Km. of Kaccha roads, had the lowest proportion of sealed roads in the district; Santrampur with 387 Km. of Kaccha roads and 453 Km. Pucca and the highest proportion. The taluka with the highest proportion of its villages not connected by Pucca roads was, in 1981, Godhra (28%) and the lowest proportion was found in Kalol (6%).

11. Education in Panchmahal district

Literacy

Literacy rates in the district is 37% and fall well below the 1991 State average of 61% (m: 73% and female 49%).

The literacy profile of the district in 1991 shows that tribal talukas fall behind non-tribal talukas by an average of 13% Table -1 below shows the details of talukawise literacy rate of Panchmahal.

TABLE -1

Taluka	Total literacy.	No. of literate males.	No. of literate females.
Godhra	45%	128499	59842
Halol	50%	55730	27726
Jambughoda	37%	8790	3262
Kalol	43%	47314	21400
Lunawada	47%	83435	44050
Shehra	38%	50298	17744
Dahod	31%	81549	41057
Devgadhbaria	29%	75888	23762
Jhalod	29%	54745	25363
Limkheda	25%	52502	17994
Santrampur	35%	101676	43820
TOTAL	37%	740426	326020

Source : District Panchayat

In addition to the area-wise discrepancies, the figures show that overall, female literacy is some 56% lower than male literacy. In tribal areas, female literacy lags behind that of males by 59%, in non-tribal talukas, it lags behind by 53%. This is largely due to the migration and employment patterns of tribal people in the district.

Growth of educational facilities

In 1981-82, about 90% of all educational institutions in the district provided primary education. During the following decade, education facilities have increased in all talukas. In 1991 there were 512 secondary schools and higher secondary education institutions. The new District Institute of Education and Training (DIET) is located at Santrampur.

Summary

The profile of the district shows an area which has a large tribal population which cannot sustain itself locally, and goes out in search of work in other parts of the

State. Industrial development is limited to a few talukas only, and cannot provide wide scale employment. Many areas of the district are not yet connected by Pukka roads, these and facilities for irrigation of the land, and potable water, are major development targets. The level of literacy is low and the prima concern for a large part of the population is how to sustain itself: increasing the levels of education in the district will remain problematic until the economic condition of large number of people is more robust.

Teachers : In the whole of the district there are 12591 primary school teachers in the Govt. and Private managed school. The details of talukawise no. of teachers can be seen from the table-2 below. However at present there is a need of 845 more number of teachers lying vacant since long.

TABLE -2

No. of Primary School Teachers Talukawise (Including Private Primary Schools)

Sr. Name of No. Taluka	1990-91		1991-92		1992-93		1993-94		1994-95	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1. Godhra	798	403	800	406	806	489	998	760	990	803
2. Sahera	561	215	562	215	582	226	580	255	580	250
3. Lunawada	909	299	935	340	962	381	986	402	951	411
4. Shantrampur	1450	537	1587	562	1517	677	1517	677	1531	686
5. Jhalod	696	413	700	437	689	430	705	486	722	476
6. Dahod	529	476	512	481	545	490	556	529	643	651
7. Jamkheda	663	229	759	219	796	275	824	299	815	299
8. D. Baria	842	294	807	259	875	309	917	331	869	340
9. Kalol	294	285	345	257	369	263	362	273	394	296
10. Halol	357	189	353	170	375	178	396	256	376	273
11. Jambughoda	90	33	90	35	93	37	97	45	98	37
TOTAL	7189	3359	7450	3381	7604	3755	7927	4313	8069	4522

TABLE -3**No. of Primary School Students Talukawise**

Sr. Name of No. Taluka	1990-91		1991-92		1992-93		1993-94		1994-95		1995-96	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1. Godhra	26592	17367	26687	18518	40758	31555	40758	31555	42877	34624	30679	23233
2. Sahera	19137	12110	18482	12971	18033	12823	18179	13213	186184	13738	17325	12773
3. Lunawada	25289	28660	24018	19306	24539	19890	25161	20405	25733	21192	23427	18921
4. Shanirampur	45963	34141	45227	33590	44029	32681	44053	34351	45255	36349	42648	34079
5. Zhalod	26567	18447	26624	18839	26294	21162	28855	21243	29834	23450	27570	21673
6. Dahod	28077	16141	28280	15918	29058	16615	35235	23164	38083	23412	33955	21543
7. Limkheda	26629	17753	26959	17972	27180	18128	28807	19296	31221	21880	26891	18639
8. D.Baria	32675	17695	30129	17069	30750	17268	33445	19752	35685	22541	31942	20075
9. Kalol	14201	10903	13993	10945	13737	10534	15970	12415	16485	13202	16343	13189
10. Halol	12839	9499	12826	9983	12598	9031	14752	10037	15437	12179	14704	11480
11. Jambughoda	2119	1372	2160	1582	1594	1374	2981	2143	3159	2321	3019	2381
Total	258908	184088	255895	176185	268552	191058	288188	207574	302383	224988	268503	197986
Nagar Palika											10923	9952
											<u>279426</u>	<u>207938</u>

Student Enrolment :-

The entire district is covered by ICDS. There are 2772 aganwadis in the district covering 2,35,000 between the age group of 0 to 6. There are 99 preprimary schools having 5157 pre-primary students as shown in Table-4 below. Table-3 above reveals that there are 487364 primary school students in the eleven talukas of Panchmahals. It shows that in all the talukas the enrolment of girls child is lower than the enrolment of boys. The disparity is more in the tribal dominated talukas.

TABLE -4

No. of Pre Primary School Students Yearwise

Year	Name of Area	No. of Balma-HDIRS	Total No. of Students			No. of SC Students Ents of Total			No. of ST Students of Total		
			BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
1990-91	Non-Tribal Area	29	920	814	1734	161	143	304	49	47	96
	Tribal Area	17	502	483	985	72	78	150	160	159	319
1991-92	Non-tribal Area	31	1295	1068	2355	239	186	425	66	58	124
	Tribal Area	24	878	791	1669	83	116	199	349	307	636
1992-93	Non-tribal Area	39	1568	962	2520	66	47	113	156	135	291
	Tribal Area	47	1966	1027	2993	204	158	442	339	309	638
1993-94	Non-tribal Area	40	1672	975	2647	285	241	526	164	135	299
	Tribal Area	49	1862	1153	3015	168	147	315	664	630	1294
1994-95	Non-tribal Area	47	1196	1074	2270	244	186	430	318	259	577
	Tribal Area	52	1539	1349	2887	236	168	404	780	701	1481

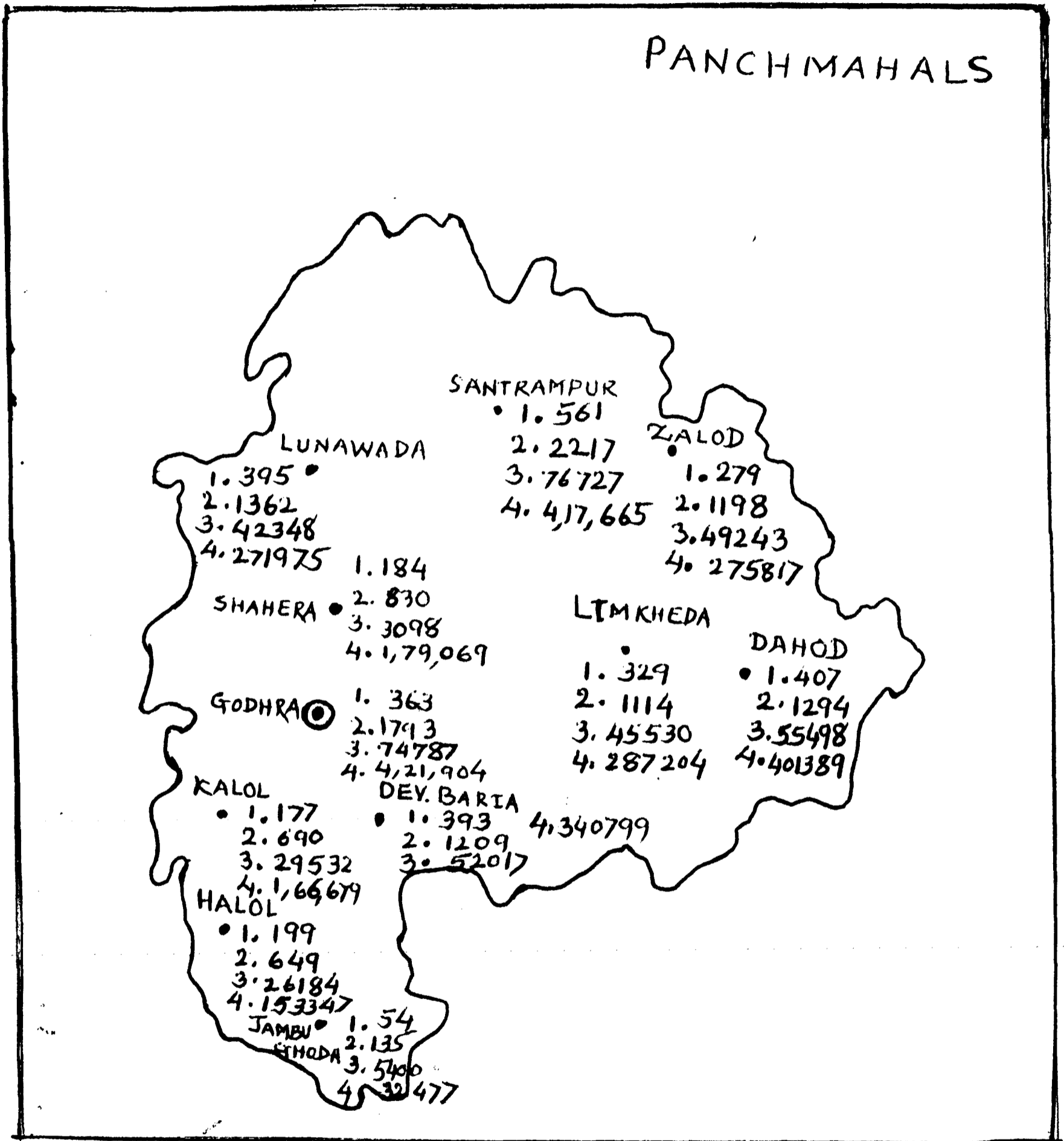
Schools :-

The schooling facilities in the district have been increased in all its talukas since 1990, as shown in Table-5. It shows that there are a total of 3241 schools in the whole of the district. Map 4 also shows the taluka wise distribution of schools in the district.

TABLE -5**No. of Primary School Talukawise and Yearwise**

Sr. No.	Name of Taluka	1990-91	1991-92	1992-93	1993-94	1994-95-96
1.	Godhra	288	299	299	358	363
2.	Sahera	171	181	181	182	184
3.	Kalol	160	160	161	176	177
4.	Halol	172	180	184	197	199
5.	Jambugodha	50	50	50	54	54
6.	Lunawada	377	380	393	393	395
7.	Santrampur	534	535	535	555	561
8.	Zalod	263	265	267	279	279
9.	Dahod	270	270	270	304	407
10.	Limkheda	283	310	310	329	329
11.	Devgadbaria	364	371	373	386	393
	Total	2937	3001	3023	3213	3241

Map showing the No. Schools, Teachers, Pupils and population in the Talukas of Panchmahals



- 1. No. of Schools. 3,241
- 2. No. of Teachers 12,591
- 3. No. of Pupils 4,87,364
- 4. Total population in the Taluka
Total population in the District 29,48,725

ST/SC Enrollment :-

Out of the total 4,67,941 students as shown in Table - 6 below, 18,528 are SCs and 2,34,636 are STs in the primary schools. This is only the student population of panchayat schools.

Enrollment
TABLE -6

No. of Primary School Castwise in Panchmahal Dist. - 1995-96 (D.P.E.P.)

Sr. No.	Name of Taluka	Registered No.			No. of SC out of Total			No. of ST out of Total			Remarks
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	
1.	Godhra	30699	23133	53812	1595	1818	3413	7153	4223	11376	
2.	Kalol	16343	13187	29530	1125	1102	2227	1504	813	2317	
3.	Jambugodha	3119	2381	5500	51	52	103	1317	807	2124	
4.	Halol	14704	11480	26184	407	411	818	4034	2612	6646	
5.	Shaera	17325	12673	29998	846	694	1540	1513	735	2248	
6.	Lunawada	24334	19321	43655	1507	1322	2829	4123	2986	7109	
7.	Dahod	33955	21893	55848	928	732	1660	24484	14426	38910	
8.	Zalod	27570	21570	49140	423	322	745	23213	18464	41677	
9.	Devgadhbaria	31942	20075	52017	1211	770	1981	18855	9355	28210	
10.	Limkheda	26841	18639	45520	425	428	853	16608	12251	28859	
11.	Sanirampur	42648	34079	76727	1158	1201	2359	36631	28529	65160	
Total		269510	198431	467941	9676	8852	18528	139435	95201	234636	

(3.97%)

(50.29%)

Ashram Schools :-

As has been presented in the Table-7, out of 3223 there are 3043 Panchayat Primary Schools, 83 private primary schools with Dahod having the 22 schools the highest number and Jambughoda having only one School. There are also 97 ashram schools. The details of the talukawise such schools can be seen from Table-7.

TABLE -7

No. of Primary School Dist. Panchmahal

Sr. No.	Name of Taluka	Primary School	Private Pri-School	Ashram School	Total School
1.	Godhra	306	5	8	319
2.	Kalol	162	13	2	177
3.	Jamrughopg	50	1	3	54
4.	Halol	186	9	4	199
5.	Shaera	182	1	1	184
6.	Lunawada	385	11	2	398
7.	Dahod	276	22	16	314
8.	Zalod269	5	9		283
9.	Devgadhbaria	378	5	13	396
10.	Limkheda	310	3	21	334
11.	Sahtrampur	539	8	18	565
	Total	3043	83	97	3223

The total number of schools in Panchmahal is 3241. Total number of students in Class-I are 1,09,381 in Class-II 82,111 in Class-III 76,922, in Class-IV 58,919 in Class-V 49,089 in Class-VI 39,238 in Class-VII 36,689. Its clearly shows that there is heavy dropout each year and there is gender disparities in enrolment. The overall enrolment of girls in the district lagged behind that of boys by an average of 26%. In 1st Class there are 52622 girls, in Class-II 39,266, in Class-III 35,853, in Class-IV 26,580, in Class-V 20,619 in Class-VI 17,324 and in Class-VIII 15,120.

TABLE -8

No. of Students Yearwise and Standardwise

Year	STD.	Boys	Girls	Total
1990-91	1	64733	51257	115990
	2	46897	33888	80785
	3	39167	26892	66059
	4	31489	20043	51532
	5	29458	16464	45922
	6	24715	13327	38042
	7	21077	10684	31761
	Total	253536	162555	430091
1991-92	1	64997	51170	116167
	2	47063	34269	81332
	3	31308	27102	65700
	4	31308	20807	52115
	5	28806	17183	45989
	6	22621	14135	36756
	7	21279	11731	35414
	Total	254972	176397	431369
1992-93	1	73570	38271	111841
	2	48383	38390	86773
	3	42332	32852	75184
	4	35652	23222	58871
	5	30343	19163	49509
	6	26403	15451	41854
	7	23128	13459	36587
	Total	279811	180808	460619

Year	STD.	Boys	Girls	Total
1993-94	1	66712	52622	119334
	2	50592	39266	89858
	3	45760	35853	81613
	4	37366	26580	63946
	5	34089	20619	54709
	6	28140	17324	45464
	7	25531	15120	40651
	Total	288188	207574	495712
1994-95	1	71147	59696	130843
	2	49982	39104	89086
	3	44986	35746	80732
	4	41934	30952	72886
	5	37476	24423	61899
	6	30194	18808	49002
	7	26674	16259	42923
	Total	302383	224988	527371

Irregular Attendance :-

Children attend irregularly due to seasonal or other work or the migration of their families. Regular attendance also miss approximately one day out of every six. In tribal areas where parents migrate attendance drops from 100% in June to 50% at Diwali and 35% at Holi.

Retention rates in the district are disappointing. Dropout is unacceptably high the maximum occurs between stds. 1 and 2.

Dropout Rate :-

Out of total dropouts of 1,30,504 in 1st Std. only 87,702 reach Std.-II and 77,894 reach Std.-3.

State of Literacy in 1991 :-

Compared to the proportion of literacy 43.79% of Gujarat in 1981 the proportion of literacy in Panchmahal is 36.16%. According to the 1991 census population of the district is 29,50,000. Wherein there is 15,15,000 male and 14,35,000 female. From these 7,28,000 male and 3,16,000 female are literate. Thus the proportion of literacy in male is 46.11% and in female is 25%.

The total number of illiterates between the age group of 15 and 35 years stood at 3,95,874 in which there are 1,36,982 male and 2,58,892 female who have to be educated.

CHAPTER - II

Problems and Issues

Schooling facilities are available in all revenue villages and hamlets but due to the increase in population and upcoming of new hamlets access to primary school has been a problem in some areas. Therefore, during the project period where there are 50 and above students new schools will be provided.

In spite of the accessibility there is a small percentage of children in the age group (6-11) who have not yet been enrolled, particularly among SC, ST and Girls. The reasons of these children not interested in coming to schools to learn are as follows.

The District is facing several problems which affects UPE and retention. These are as under.

Performance of the primary school system

- ◆ Enrolment is still not 100% and levels of Enrolment are lower in tribal areas and especially among girls. Attendance is often irregular, drop out rate are still high especially in the tribal areas.
- ◆ Employment is difficult and many people are hungry-education is a secondary consideration.
- ◆ Migration is an economic necessity and it stops a child from attending schools regularly. Child labour is used by parents to add to the migrant family income.
- ◆ The cycle of the tribal year does not fit in with the cycle of the school year.
- ◆ Opportunity costs : incentive schemes can offset some of the opportunity costs but parents often do not feel that expense should be incurred for girls.
- ◆ The quality of school needs to be improved to enrol and retain all children.

Administrative infrastructure

- ◆ The District relies almost entirely for funds on the schemes devised by the State Government : more financial inputs would enable the management to develop the tribal areas in particular.
- ◆ The District Panchayat has limited funds of its own, with which it has financed a very popular annual science fair, and this year an award for the best teacher at achieving 100% enrolment.

- ◆ Improved communications among all Panchayat bodies will enhance the monitoring and effectiveness of the primary education system.
- ◆ The DIET has yet to move into its completed building and fully-fledged in service training programmes cannot start until it does so.
- ◆ The quality of pre-primary schooling facilities is such that children are not prepared academically to enter primary school, and there is often little connection between the two institutions.
- ◆ There is still a shortage of schools, with lower primary schools too far from where children live, and upper primary schools too far from the feeder schools. Faliya and varg schools have been established to try and cover some of the shortages of schools.
- ◆ There is a great shortage of rooms : some 3000 new rooms are needed in the District to bring the school network to the desired level.
- ◆ Residential schools need to be upgraded to retain boarding children.
- ◆ The physical condition of schools is generally rather poor, sometimes dangerously so.
- ◆ There is an extreme shortage of basic teachers' furniture and teaching-learning aids.
- ◆ Contingency funds are inadequate to support extra-curricular activities.
- ◆ There is at present a shortage of 845 teachers in the District, and a shortfall of teachers is a constant problem. As a result, in some schools the teacher : student ration is rather high for qualitative work.
- ◆ There are 715 single-teacher schools in the District.
- ◆ 91% of teachers have a PTC qualification : the PTC qualification is a basic qualification and needs to be supplemented with in - service training to keep teachers abreast of national educational developments.
- ◆ Women teachers still form a minority (37%) of the total, although among ST teachers 56% are female. SC female teachers are below the average, only 35%.
- ◆ 95% of teachers are native to the District. A high proportion of tribal teachers is posted in the tribal areas, which is a good basis for promoting report between teacher and villagers.

- ◆ Teachers often do not stay in the village in which they serve and up-down travelling occupies a good deal of teacher energy and time.
- ◆ Some teachers need to have their commitment to their work enhanced through awareness and in-service programmes. Such programmes will help teachers to diagnose and overcome their difficulties in the classroom.
- ◆ In-service training is required to help teachers to use teaching-learning aids and to understand the principles behind their use : this will enhance their ability to adopt a more child-centred approach to teaching. Training is also needed in specific subject areas as well as teaching methodologies, particularly for younger children.
- ◆ The role of inspectors needs revision for all teachers are to gain academic input from them.

CHAPTER - III

Project Objectives

The main project objectives of the DPEP for achieving UPE before 2000 A.D. in Panchmahal District are detailed below :

- (1) 100% enrolment of children in the 6-11 age group.
- (2) 100% retention upto class five;
- (3) Attainment of Minimum Levels of Learning (MLL) at every stage by every student;
- (4) 100% completion of Primary education within five years, for each child;
- (5) Involvement of parents and local communities for achieving above objectives.

The key strategies of the project :

The problems outlined in the previous chapter show that education system is not operating at its best owing to a number of inter-related factors.

These include :

- ◆ Low community participation in education which result in low teacher morale and performance;
 - ◆ The absence of inservice training to keep teachers upto date in their methods & approach to teaching, especially in the all important first two years to school,
 - ◆ The need to enhance administrative procedures so that through optimum management & monitoring the best effect from the human power available is obtained.
 - ◆ These issues will be tackled through following key strategies.
- (1) Priority targeting of girls SC/ST children, and other educationally backward groups.
 - (2) Operationalising Compulsory Primary Education.
 - (3) Linking total literacy and Post literacy campaigns, NFE directly with UPE strategies and activities.
 - (4) Provision of adequate infrastructure for primary education.

- (5) Design of Curriculum and pedagogy towards attainment of MLL.
- (6) Creation of Teacher Support System.s
- (7) Encouragement of Innovative approaches.
- (8) Decentralisation and local management of the Primary education system.
- (9) Block level planning and implementation in a systematic manner through the district.

The Programme of Activities of the Project :

Access :

- (1) To increase access by providing schools wherever necessary.
- (2) To facilitate opportunity to unfortunate children to enter the school stream either formal or non-formal.
- (3) To provide infrastructure facilities in the existing schools so as to attract the children particularly girls, SC/ST.
- (4) To make learning an interesting and attractive one.
- (5) To involve the local community, particularly parents, in the day-to-day affairs of primary school where their children study.
- (6) To provide additional teaching and learning materials.
- (7) To watch the health conditions of the Children.
- (8) To give individual attention to the backward students.
- (9) To give in service training to the existing teachers in finding out the problems of the individual children, minimum levels of learning and multigrade teaching.

Enrolment :

- (1) To achieve 100% enrolment of all children (6-11).
- (2) To increase the enrolment of girls particularly SC/ST and weaker sections.
- (3) To involve the local community in all the activities of the school like enrolment, retention and achievement.

- (4) To create a social awareness among the community particularly women about the value of education with special emphasis towards girls education by involving VEC.
- (5) To link the Pre-primary Education with the primary.
- (6) To attract the children with good school atmosphere like pucca buildings, drinking water facilities toilet facilities.
- (7) To attract the attention of the parents by providing quality education with the help of the teachers.

Retention and Completion :

- (1) To make the children complete five years of schooling with higher academic achievement.
- (2) To make the teachers identify the potential dropouts and take remedial measures.
- (3) Involving members of VEC to reduce the dropout rate to less than 10%.
- (4) To provide a congenial school climate for effective learning by children.
- (5) To provide activity-based learning.
- (6) To make teaching learning process an interactive and interesting one.
- (7) To give special attention to backward students, SC/ST, particularly girls.
- (8) To introduce MLL, multigrade teaching, gender sensitivity concepts etc. in the in service training of the teachers.

Dropout :

- (1) To introduce the MLL concept and revision of curriculum based on competencies.
- (2) To evaluate learning achievement in terms of M.L.L.
- (3) To train the teachers in preparing low cost teaching aids.
- (4) To reduce teacher pupil ratio.
- (5) To check the health conditions of the primary level children.
- (6) To involve the local community particularly women at the school level so as to make them aware of the problems of the children.

Achievement :

- (1) To introduce the M.L.L. concept.
- (2) To provide qualitative teaching by training up teacher competence and motivation through in service training.
- (3) To evaluate the achievement of the children on the basis of MLL.
- (4) To stress the participatory process whereby the local community facilitates participation and achievement.
- (5) To pay special attention to the slow learners, particularly girls and SC/ST children.

Project Strategies

Having identified the problems and issues of the Primary education system in this District the following programmes when implemented will realise the project objectives.

I. Improving Access :

- (1) Construction of buildings, providing drinking water facilities, constructing Toilets, and appointment of teachers to reduce the teacher - pupil ratio.
- (2) To identify the villages where NFE centres are to be opened. Providing Teaching learning material to the children who are to be enrolled in these centres.
- (3) To give Training to the Instructors and Supervisors. Conducting social awareness campaigns Forming VEC and strengthening them, in all Primary Schools giving Training to VEC.

II. Improving Retention and Learner Achievement :-

- (1) Providing Teaching learning material to all the 3241 schools in the District.
- (2) Creating a separate Block Resource Centre, appointing supervisors for all the BRC's and Senior Secondary Grade Teachers as Assistant Co-ordinators Teacher Educators. Necessary training will be given to them at the D.I.E.T.
- (3) Giving inservice Training Programmes to NFE centre Instructors after identifying the place of centres and appointment.
- (4) Special coaching centres in all the 3241 schools will be opened to give special attention to the backward children low achievers, particularly girls and SC/ST students. A guide teachers will be appointed in each of these centres and necessary training will also be provided at the BRC.

III. Capacity Building :

- (1) All the block level officers of the education department (ADEIS) will be given training in DPEP and to develop the administrative and Supervision skills including 5 officials of other departments at the block level in each block so as to link them in the proper implementation of the DPEP.
- (2) All the 12024 head-masters and teachers will be given training in management and in Teaching skills as well as in the implementation of the project. Members of each VEC members of MTC will be given training so as to mobilise support of the local community in the school affairs.
- (3) All the BRC centres will be equipped with necessary equipments so as to give quality in service training to the teachers and others.
- (4) A district task force will be constituted comprising eminent persons, educationists in different fields so as to guide, supervise and evaluate the implementation of the Project.

Effect of the Project Strategies

The above mentioned strategies will result in the following :-

- (1) Cent percent enrolment will be achieved.
- (2) Dropout will be decreased to less than 10%.
- (3) Retention ratio will be increased to 0.1.
- (4) Completion rate will be increased by 10%.
- (5) Disparities (caste, sex etc.) of all type will be decreased to less than 10%.
- (6) Achievement levels will increase by 25% over and above the measured baseline levels.
- (7) A linkage with the local community come into effect. Particularly women will be involved in the affairs of the school.
- (8) In service Training to the teachers will produce effective and quality teaching.
- (9) Non-formal education will facilitate the non-start and dropouts to continue their education.
- (10) Special coaching classes will increase the achieved level of the children by 10%. 85% of the children all sections will achieve MLL by implementing the project.
- (11) Medical check-up will increase retention ratio by 0.1 and reduce the dropout rate by 10%.

CHAPTER IV

PROJECT COST

Panchmahal District, as mentioned in the earlier chapters, is a tribal dominated district and the literacy programme has already been completed, joyful learning and MLL has already been implemented. Now this district has been selected for DPEP for improving the primary education situation. In this chapter, an attempt has been made therefore to present the details of cost. The project cost has been decided on the basis on requirements of items and activities needed for DPEP. To decide upon the items and activities needed for DPEP, five core groups were formulated by the DPEO, Panchmahals. The five core groups consisting of AEISs, Sr. Head, Masters, and Teachers Association were to decide upon the items and activities needed in the following five areas.

1. Need of Residential quarters
2. Education of girl child, SC & ST
3. Migration problem
4. Strengthening of resource centre at block level and cluster level.
5. Enrolment and Retention.

(I) IMPROVING ACCESS :

The 3241 primary schools in the district are unevently distributed in all its Talukas. Taking in to consideration the distance of school from the hamlets, growth of population in the villages, there is a need of 200 more schools with sanitation and drinking water facilities. There is also a need of 100-2 classroom units with proper sanitation and in all these new shools, classrooms there is a need of equipments, school furniture, supply of teaching - learning materials and electrification. The details of these costs can be seen in Appendix A. In all there new schools and extra classrooms, there is also a need for appointing 400 teachers within the given DPEP. Frame work for these teachers and the existing school teachers minimum residential facilities for 100 teacher is required. These quarters should be constructed in the inaccessible hilly region of the district. It is seen that there is a need of opening 500 NFE centres continuing for 2 years because at present a large number of school going children who are out of school need nonformal education to bring them to the formal system. The details of the cost could be seen from Appendix A. The item of access a non recurring cost of 11.49 crore and a recurring cost of 6.69 crore are needed over a period of seven years. The further break of finance for all these items, and programme can be seen from Appendix A. The total of the reccurring and non-reccurring cost as can be seen from the table 9 is Rs. 18.19437 crores.

(II) IMPROVING RETENTION AND ACHIEVEMENT :

For improving retention and achievement of students, many innovative programmes will be initiated. The details of these programmes can be seen from column 2 of Appendix B. It can be seen from the Appendix B that there is a need of organising competition among the talented students at CRC, BRC and district level. A sense of competition is initiated, students will develop interest in studies and also their achievement level will go up. There is also a need for developing community participation in the school and developing a sense of belongingness of the community to the school. This can be done by school mapping and focussed group discussion. Similarly for quality learning, there is a need of preparing indigenous teaching-learning materials by the teachers and adopting appropriate method and approach in classroom transaction academically.

Further, the weaker students need special coaching classes beyond the school hours and village teachers will be asked to do that job. In addition to the academic achievement, the overall development of the students is needed. For this, there is a need of organising games and sports programme from time to time at the school level to the district level. To carry out all the above stated programmes a total of Rs. 16.5234 crores is required, the details of which can be seen from Appendix B2.

In addition to the above programme for retention and achievement of the students, children of 2 villages out of the 26 villages adopted by the special scheme of Chief Minister will be provided with slate, 2 pairs of uniform, school bag, pen, pencil and rubbers, and opportunity cost to parents will be initially for 1 year and on the basis of the evaluation it will be extended to all the 26 villages in Limkheda taluka. The details of this special scheme programme can be seen from Appendix. This will cost Rs. 24.12640 lakhs 23 thousand.

(III) CAPACITY BUILDING :

To carry out the DPEP project, the district level core committee will plan, monitor and evaluate DPEP and see its cost effectiveness in relation to its objectives. The taluka level core committee will see the functioning of DPEP at taluka level and similarly CRC and VEC will do the planning and monitoring at their respective level. For all those activities to be carried out smoothly there is a need for training of personnel at the BRC, CRC and VEC level. The DIET also will be training the teachers and other personnel regularly. Moreover at all these centres, organisation and institution, there is a need of equipments and building and other items. There is also a need of official staff. The nature of the cost will be recurring. The details of the items/programmes and their cost could be seen from Appendix C. Expenditure can be seen from Appendix C2. The total of capacity building will cost Rs. 46.498100 crores. The total DPEP will cost Rs. 39.36.75840 crores as presented in Table:9

CHAPTER - V

Management Structure

Introduction :-

In order to boost the drive towards DPEP, improved monitoring of the system, and better communications between management levels is required. To this end, a review of District management structures is in order, with the aim of achieving improved functioning capacity and better channels of monitoring and communications at all levels the District administration. DPEP project at the District level is to be implemented by District Executive Committee. The District Development Officer is the Chairman of the committee. The District Primary Education Officer who is the ex-officio District project co-ordinator is the member secretary.

The following are the members of the committee :-

District Level :-

- (1) District Development Officer - Chairman.
- (2) District Primary Education Officer - Member Secretary.
- (3) Principal, District Institute of Education and Training - Member.
- (4) District Education Officer - Member.
- (5) District Adult Education Officer - Member.
- (6) Chairman, District Education Committee Panchmahals - Member.
- (7) Chairman, District Social Justice Committee.
- (8) Deputy District Development Officer (Est.) - Member.
- (9) Chief District Health Officer - Member.
- (10) Woman Member, District Education Committee - Member.
- (11) Director, D.R.D.A. - Member.
- (12) Project Officer, Tribal Sub Plan, Dahod - Member.
- (13) Executive Engineer (R&B) Division - 1 - District Panchayat - Member.

- (14) District Statistical Officer District Panchayat - Member.
- (15) District Account Officer District Panchayat - Member.
- (16) Two Representatives of District Teacher Association - Member.
- (17) Two Representatives of AEIS - Member.
- (18) Deputy District Primary Education Officer - Member.
- (19). Representative of State Government - Member.
- (20) Representative of M.S.University, Baroda - Member.
- (21) Principal, B.Ed. College, Godhra - Member.
- (22) Two Principals, P T C Colleges from the district - Member.
- (23) Programme Officer ICDS District Panchayat - Member.
- (24) Two Eminent Educationalist - Member.
- (25). Representative from N G O's - Member.
- (26) Six group leader of the task force - Member.

Taluka Level :-

- (1) Taluka Development Officer - Chairman.
- (2) Taluka Kelvani Nirikshak - member Secretary.
- (3) All AEI's of the taluka - Member.
- (4) President, Taluka Panchayat - Member.
- (5) Chairman, Taluka Social Justice Committee.
- (6) Women Member of Taluka Panchayat - Member.
- (7) C.D.P.O. - Member.
- (8) Member of District Panchayat Pertaining to the Taluka - Member.

- (9) Medical Officer of P.H.C. - Member.
- (10) Representative of Taluka Teacher's Association - Member.
- (11) Representative of Taluka Teacher's Association - Member.
- (12) Two members of Taluka Panchayat - Member.
- (13) Eminent Educationalist - Member.
- (14) Representative from N G O's - Member.

Village Education Committee (VEC) :-

- (1) Sarpanch - Chairman.
- (2) Head Master of Primary School - Member. Secretary.
- (3) Head Master of Other Primary Schools situated in that Village - Member.
- (4) Senior Teacher of the Primary School - Member.
- (5) Principal, Local Secondary School - Member.
- (6) Talati Cum Mantri - Member.
- (7) Gram Sevak - Member.
- (8) Representative from Health Dept. - Member.
- (9) Representative from Anganwadi - Member.
- (10) Representative of Co-operative Society - Member.
- (11) Representative of Vali Sahyog Committee (VEC)- Member.
- (12) Representative from N G O's - Member.
- (13) Chairman, Village Panchayat Social Justice Committee.

School Center :-

- (1) Head master
- (2) Senior Teacher of School.
- (3) Lady member of the village.
- (4) Community Leaders.

Interactions of Managements Units :

In the Management structure the Department of Education, Govt. of Gujarat is the highest authority and at the District level the D P E P Office is the topmost body to look into the functioning of the D P E P.

Under this D P E P Office, there will be 16 BRCs and 220 CRCs for the 1903 VECs. Further the DIET and other resource institutions which will be the institutions actively involved in the planning and implementation of DPEP. All the schools will also have school center to look in to the daily activity of the schools for the attainment of DPEP objectives.

However, decentralised Management process will be the approach in the DPEP.

Resource Support :-

Resource Support is essential to design and prepare training materials and to provide the needs of different groups of beneficiaries like women, SC/ST children, pre-primary children etc.

The following institutions will provide the resource support.

- (1) Department of Education and Educational Administration M.S. University, Baroda.
- (2) The District Institute of Education and Training, Santrampur.
- (3) Sarvagani College of Education, Godhra.
- (4) Govt. Basic College for Men, Dev. Baria.
- (5) Basic College for Women, Zalod.
- (6) Methodist Teacher Training College for Women, Godhra.

The Task Force :

There will be a Task Force of Six groups to assist member secretary i.e. District Primary Education Officer for the implementation of the Project. Six groups of Task Force will look after the following different activities.

- (1) Non-formal Education Centres.
- (2) Training.
- (3) Special Coaching Class.
- (4) Constructions or Civil works
- (5) Development of SC/ST Students.
- (6) Learner's Achievement.

Monitoring and Evaluation :

There will be a Monitoring cell of the district level and a Finance and Accounts cell to monitor whether the programme components are implemented properly at all levels. These cells will report to the District Executive Committee. The Finance and Accounts cell will carry out the function of verifying whether funds allotted are utilised properly as per the rules and will also be responsible for maintaining the accounts.

CHAPTER VI

BENEFITS AND RISKS

The DPEP scheme would be implemented in the district of Panchmahals, which will improve the total picture of Primary Education by restructuring the whole system in terms of infrastructural facilities and the activity-based teaching learning process. This would enable the achievement of Universalization of Primary Education. It would have a highly beneficial impact in ensuring access, reducing dropouts, improving transition and retention rates, raising the completion rate and increasing achievement level.

The project would aim at improving the Primary Education system with regard to three dimension i.e. (i) Empowering the Community (ii) Orienting teachers, and (iii) Training of administrators. Thus the universal access, retention, learner achievement and capacity building would be achieved. The following would be some of the benefits of DPEP in the district.

- (1) All habitations with a population of 200 and above and school age children 50 and above would have a primary school within a radius of 1.5 k.m.
- (2) Wherever needed NFE centres would be opened.
- (3) The dropout rate would be reduced to below 10% for all children, especially for girl child, ST, and SC students.
- (4) The achievement of the children especially girls and SC/ST children would improve and minimum levels of learning would be achieved.
- (5) The community of the village/around the school would be involved in the decision making process of the school activities.
- (6) The parent teacher associations will be strengthened wherever existing and such type of organisations will be set up where they are not existing.
- (7) The NGOS will be asked for help wherever required. The in-service training programme will be intensified with respect to the methods and media of teaching by activity based learning which enhances the joy of learning.
- (8) 220 cluster Resource Centers and 16 Block Resource Centres will be established. A CRC will be established by taking 8-10 villages. At the Block Resource Centre low cost teaching - aids and training modules for teachers as well as students will be developed.

- (9) The DIET will be enriched by providing infrastructure and media facilities.
- (10) The primary schools of Panchmahals district will be provided infrastructural facilities including health and hygiene.
- (11) Involving the NGO/voluntary organisations in mobilising the resources.

On the whole, the improvement in the primary education system would bring about remarkable change in the life styles and the quality of living of both rural and urban tribal people by increasing the literacy level and health conditions. This would be done by creating awareness amongst the people about social demands and national goals. The life style of girls child, ST and SC would be changed totally.

Risks :

The successful implementation of this DPEP programme in the district of Panchmahals is bound to bring improvement in the educational scenario of the district. However there are a few risks involved, hence caution has to be taken.

- (1) The increase in enrolment, retention and achievement will lead to a demand for better and enhanced secondary school facilities. By utilising existing facilities more efficiently and gradually providing additional facilities the additional demand can be met.
- (2) The benefits that accrue to the project district will result in causing more demands on behalf of other districts by the people and officials. The project can be extended to other districts by getting assistance from donor agencies and associations.
- (3) After the completion of the project, the recurring cost will have to be borne by the State Government.
- (4) Creating awareness among the disadvantaged sections may lead to more demands on their part for all services.

The social welfare schemes have a major role to play in such a situation. If these schemes are implemented constructively the risks will be solved easily. This programme besides providing basic education in the age group of 6-14 years will also go a long way in improving the quality of life and the living conditions in the villages of the districts.

CHAPTER VII

CONCLUDING SUMMARY

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Date..... 14-12-88

Panchmahal District with its tribal population and hilly, forested terrain, is one of the ten backward districts of Gujarat State. The people of this district are socio-economically backward. The educational front is not satisfactory as a little progress has been made. There are various reasons for the existing position now a days.

The schools do not have minimum infrastructure to function, effectively. The lack of educational equipments affects the retention and learning achievements. The lack of necessary learning facilities of some of the tribal talukas fails to motivate the children and their parents to remain in the school system and complete primary schooling.

Children attend irregularly due to seasonal or other works or the migration of their families. Regular attendance also miss approximately one day out of six. In tribal areas where parents migrate attendance drops from 100% in June to 50% at Diwali and 35% at Holi. Retention rate in the District are disappointing. Dropout is unacceptably high the maximum occurs between Std. 1 and 2.

Keeping in mind the existing poor educational scenario in the district, the education department of the Gujarat State Government has selected Panchmahal District as one of the districts under DPEP. This will enable the district to improve the educational level of the people so that they could come at the par with other districts of the state and nation at large. The programme which aims are to improve education of the neglected tribals and backward communities of the district. Especially the girl child and to improve the retention and the learning ability of the students and thereby reduce their dropoutrate.

The D.P.E.P. will be very useful in speeding up the development programme of the Panchmahal District.

Under this programme it will be ensured that each school will be fully equipped and attractive. The increase physical facilities will make the programme effective and developed the academic performance of the students. The availability of residential facilities for the teachers will ensure regular functioning of the schools. Eventually the aim of universal primary education will be achieved.

Having identify the problems and issues of the Primary Education System in this district. The following programmes when implemented will realise the project objectives. There are three main factors i.e. Improving Access, Improving Retention and Achievements and Capacity Building. The provision of six vehicles, 16 BRCs, 220 CRCs well equipped and continuous. Inservice Teachers Training will improve the educational scenarios of Panchmahal district.

The outcome of all the schemes and efforts to be made under the DPEP in Panchmahals district will finally lead the academic, physical and social development of the students who will be a par with the rest of the districts of the states.

The most neglected tribal, backward people and girl students will be able to stand hand in hand with the rest of the members of the society.

Table - 9
DISTRICT PRIMARY EDUCATION PROGRAMME
PANCHMAHALS DISTRICT
ABSTRACT

Sr. No.	Name of the Components	Amount
1.	Improving Access	18,19,43,700
2.	Improving Retention & Learning Achievement	16,52,34,040
3.	Capacity Building	4,64,98,100
Total Project Cost		39,36,75,840

APPENDIX - A

Access

Sr. No.	Programme	Non Recurring 7 years period Amount	Recurring 7 years period Amount	Total
1.	Constructions of 2 class rooms unit for new school 200. Units cost 2 rooms with sanitation each costing Rs. 2 Lakh/Schools 200 X 2 Lakh = 4,00,00,000/-	4,00,00,000	---	4,00,00,000
2.	Additional rooms 100, Two class room unit with sanitation each costing Rs. 2 Lakh. Class rooms 100 X 2 Lakh = 2,00,00,000/-	2,00,00,000	---	2,00,00,000
3.	Construction of BRCs buildings 1 for GODHRA BRC cum DPSP Office Rs.5 Lakh and 15 BRCs each costing Rs. 3 Lakh	50,00,000	---	50,00,000
4.	Teachers Quarters 100, each costing Rs.2.10 Lakh	2,10,00,000	---	2,10,00,000
5.	Electrification for 500 schools per unit Rs. 2000/- Rs. 2000 X 500 schools = Rs. 10,00,000/-	10,00,000	---	10,00,000
6.	For drinking water facilities (Hand-Pump) for 500 Schools per unit Rs.30,000/- Rs.30,000 X 500 Schools = Rs. 1,50,00,000/-	1,50,00,000	---	1,50,00,000
7.	School Major repairs, 388 Schools	70,00,000	---	70,00,000

Sr. Programme No.	Non Recurring 7 years period Amount	Recurring 7 years period Amount	Total
8. Opening of news Schools, salary of 400 Teachers	---	61,92,00,000	61,92,00,000
9. Furniture and equipments for 200 new schools per school Rs.10,000/-	20,00,000	---	20,00,000
10. Furniture and equipments for BRCs and CRCs	34,82,200	---	34,82,200
11. Teaching learning materials each school Rs. 5000/- for new 200 schools	---	10,00,000	10,00,000
12. Conducting survey to open NFE centres	5,00,000	---	5,00,000
13. Honorarium to instructors, supervisors, reading materials and training for NFE Centers	---	40,41,500	40,41,500
Total	11,49,82,200	6,69,61,500	18,19,43,700

APPENDIX - B

Retention & Achievements

Sr. No.	Programme	Non Recurring 7 years period Amount	Recurring 7 years period Amount	Total
1.	Cultural and talent compition at BRCc, SRCs & District Level	---	91,70,000	91,70,000
2.	School mapng and focussed group discussion	78,900	1,42,72,500	1,43,51,400
3.	Sports and games equipments	---	61,60,000	61,60,000
4.	For Teaching learning materials per teacher and per schools	---	7,84,80,000	7,84,80,000
5.	Coaching class for weaker students	---	5,40,00,000	5,40,00,000
6.	Prize and awards for retention Rs.1000 X 10 schools from each blocks for 11 blocks for 6 years	---	6,60,000	6,60,000
7.	Special Scheme for CM's adopted villages	---	24,12,640	24,12,640
Total		78,900	16,51,55,140	16,52,34,040

APPENDIX - C

Capacity Building

Sr. Programme No.	Non Recurring 7 years period Amount	Recurring 7 years period Amount	Total
1. Training cost for BRCs educators	---	86,100	86,100
2. Training to supervisor (AEIS) at DIET	---	1,21,800	1,21,800
3. Training to Head-Masters & Teachers at BRCs	---	50,20,800	50,20,800
4. Workshop for VEC members at CRCs	---	17,60,000	17,60,000
5. Inservice Training and group discussin of teachers of different subjects, methodology at CRCs	---	17,60,000	17,60,000
6. Social awarness programme for VEC members	---	1,33,21,000	1,33,21,000
7. Honorarium to resource persons at CRCs	---	17,60,000	17,60,000
8. Operation of CRCs	---	17,60,000	17,60,000
9. Maintanance of equipments, buildings and other items	---	4,40,000	4,40,000
10. Management			
a. Office	19,77,400	65,84,000	85,61,400
b. BRCs	---	1,19,07,000	1,19,07,000
Total	19,77,400	4,45,00,700	4,64,98,100

WORK PLAN FOR 1996-1997

Panchmahal District, as mentioned in the earlier chapters, is a tribal dominated district and the literacy programme has already been completed, joyful learning and MLL has already been implemented. Now, this district has been selected for DPEP for improving the primary education situation. DPEP will be launched in the span of Seven Years (1996-2003) to initiate the programme in the first year of the plan period, a number of activities are proposed as under.

Improving access :-

Construction of BRC building at Godhra head quarter will be constructed. This BRC centre will be helpful in increasing the involvement of teachers in various education related process. The BRC centre of Godhra will be specially designed and it will work as DPEP Office of the district also.

It will be equipped with necessary Furniture, Equipped and Staff. This building will cost of Rs.5/- lacs. Remaining 15 BRCs of the district will be provided furniture and equipment at the cost of Rs.0.987 Lacs. The buildings of 15 others BRCs will be constructed in the second, third and fourth year of the project. For the first year all the activities will be done in the school building of the particular centre.

It is seen that there is need of Non Formal Education Programme for non starters and dropouts, to continue their education. It present large number of school going children who are out of school need Non Formal Education. Where there is a population of 3000 to 5000 one NFE Centre will be created.

In one NFE Centre there will be 20 to 30 beneficiaries and for the tribal pocket where there is population of 2000 one NFE centre will be started. This centres will be continued for two years for the project period.

In the first year the survey and identification of the villages will be carried out by the teachers, Head masters and AEIS Total cost for conducting survey, to open NFE Centres, will be Rs. 5/- Lacs.

Improving Retention and Achievements :-

For Improving Retention and Achievements of students many innovative programmes will be incidted as under.

To develop the creativity among the tribal and non tribal areas, activities in various subjects like story telling, songs, essay writing, Ras-garba, Folk dance. Activities will be held at village, CRCs, BRCs and District level. This will cost Rs.13.10 Lacs.

There is also a need of developing community participation in the school and developing a sense of belongingness of the community to the school. This will be done by school mapping and focussed group discussion. This can be done by a team of experts appointed by DPEO for all BRCs. In the first year three days training will be given to the members of the scheme at the BRCs by experts. This will cost Rs.0.789/- Lacs.

All 1800 Schools of Std. I to IV will be given Rs.500/- per school for providing equipments for Sports and Games. This will cost Rs.9.0/- Lacs.

For quality learning there is need of preparing indigeneous teaching - learning materials by the teachers and adopting appropriate method and approach in the class-room transaction academically. For this each teacher will be given Rs.500/- p.a. to prepare low cost teaching aids. This will cost for the first year Rs.60/- Lacs. The weaker students need special coaching beyond the school hours. For upgradation of achievement of SC/ST girl child this coaching class will be conducted by the teachers.

Personal coaching and attention will be paid to weaker section of class. The duration of the class will be six hours per week and the attendance of the child should be more than 70% during coaching class. If students will attain the prescribed minimum achievement the teacher will get Rs.200/- per student p.a. for the first year of the plan, this will cost Rs.100/- Lacs.

Looking to the backwardness and poverty Chief Minister of Gujarat has adopted 26 villages in Limkheda Taluka to concentrate the overall development of this villages. For enrolment and retention of the children of these villages for the Std. 1 and 2 a special programme will be launched. We are taking in the first year two villages as a sample on a trial bases. After the successful implementation this programme will be continued in all the 26 villages of Limkheda Taluka. Scheme will be implemented for children of Std. 1 & 2. For the first year this will cost Rs.0.340/- Lacs.

Capacity Building :-

To carry out the DPEP, the district level committee will plan, monitor and evaluate DPEP and see its cost effectiveness in relation to its objectives. For this following activities will be taken up for the first year.

All the BRC Educators i.e. professional Assistant and Asst. Co-ordinator, Supervisors, Teachers, Head Masters will be given training for three days at DIET, BRC.

It is important that a community awareness programme on a wide scale and carefully pitched according to the development levels of particular area. For this the workshop for VEC members at CRC level will be organised.

The inservice training for different subjects methodology and group discussion will be held at CRC level four times in a year.

For the operation and the maintenance of the equipments at the CRC level a special attention will be paid. Total cost of capacity Building for the 1st Year Rs.63.493/- Lacs.

Details of the expenditure for the DPEP scheme for the year 1996-97.

Sr. No.	Name of the Components	Amount Rs. in Lacs
1.	Construction of BRC Building at Godhra cum DPEP Office	5.000
2.	Furniture and Equipments at BRC level	0.987
3.	Conducting Survey to Open NFE Centres	5.000
4.	Cultural and Talent activities at BRC, CRC and Dist. level	13.100
5.	School Mapping and Focussed Group Discussion	0.789
6.	Sports and Games Equipments	9.000
7.	For Teaching Learning Materials	60.000
8.	Coaching Class for Weaker Students	100.000
9.	Special Scheme for CM's adopted villages	0.340
10.	Training Cost for BRCs Educators	0.123
11.	Training to AEIS at DIET	0.174
12.	Training to Head-Masters & Teachers at BRCs	12.552
13.	Workshop for VEC members at CRC	4.40
14.	Inservice Training and Group Discussion of Teachers of different subjects, methodology at CRCs	4.40
15.	Social awareness for VEC	19.030
16.	Honorarium to resource persons at CRCs	4.400
17.	Operation of CRCs	4.400
18.	Maintenance of equipments, buildings and other items	1.100
19.	Management office	10.094
20.	Management BRCs	2.720
Grand Total		256.820

APPENDIX - 1

Civil Works

1.	Construction of two class room unit 200 New Primary Schools (2 rooms unit with sanitation i.e. Toilet) 2,00,000 unit cost Rs. 2,00,000 X 200	=	4,00,00,000/-
2.	Additional rooms 100 (2 rooms unit) 2,00,000/-	=	2,00,00,000/-
3.	Construction of Building of 16 BRC DPEP office at Godhra	=	50,00,000/-
4.	Teachers quarters 100 unit cost Unit cost = Rs. 2,10,000/-	=	2,10,00,000/-
5.	Electrification for 500 Schools per unit 2000/-	=	10,00,000/-
6.	For drinking water facilities per unit 30,000 500 School	=	1,50,00,000/-
7.	School Major repair 388 schools	=	70,00,000/-
	Total		<hr/> 10,90,00,000/-

APPENDIX - 2

Opening of New Schools (Appointment of new teachers)

During the project period, 200 new school in villages and Hamlets will be opened. For the first year of the project the following schools will be opened.

- List of new schools to be opened is attached in appendix.

All the New School will be provided with two class-room building construction of two class room building each with cost Rs. 2 Lakhs X 200 = Rs. 4,00,00,000/-.

Each new school will be provided with two teachers say 200 X 2 = 400

salary of the teacher

200 X 3000 X 12 months = 72,00,000/-

Ist year	Nil	
IInd year 90%	64,80,000/-	
IIIrd year 80%	1,29,60,000/-	
IV year 80%	1,22,40,000/-	
V year 80%	1,15,20,000/-	
VI year 65%	93,60,000/-	
VII year 65%	93,60,000/-	
	<hr/>	
	Rs. 6,19,20,000/-	Rs. 6,19,20,000/-

The two hundred new teachers will be appointed in the second year and the remaining two hundred teachers in the third year of the project.

2) Non recurring Expenditure for the new Schools.

a) Furniture Rs. 10,000/- for each school

2 Chairs

2 Black-Boards

2 Tables

and Other Equipment

Rs. 10,000/- x 200

Rs. 20,00,000/-

b) Teaching Learning Material

Rs. 5,000/- for each school

Rs. 5,000/- x 200

Rs. 10,00,000/-

Total (a) + (b)

Rs. 30,00,000/-

APPENDIX - 3

NEW SCHOOLS TO BE OPENED DURING THE PROJECT PERIOD.

Godhra Block

1. Chandarni Faliya, Vandeli
2. Vejma Navi Vasahat Faliya
3. Kotda Patthar Faliya
4. Sagavada Nayak Faliya
6. Sankali Anta Sanghada Faliya
7. Pipliya Purva Sanghada Patel Faliya
8. Bakhkhar Khuntelav Faliya
9. Bharwad Faliya Bhamiya
10. Valaiya Juna Valaiya Faliya
11. Chikhodra Rahamatnagar Faliya
12. Mordungra Dezar Vagholi Faliya
13. Asaradi Jethisinh Ni Muvadi
14. Balukhadi
15. Pathanpur
16. Pandva

Lunavada Block

17. Nani Palli Savmuvadi Faliya
18. Agarvada Juna Agarvada Faliya
19. Naroda Machhar Faliya
20. Ukaradi Sadediya Khant Faliya

Halol Block

21. Nani Umarvan Rathva Faliya
22. Tajpura Juna Tajpura Faliya
23. Navariya Rathva Faliya
24. Abhetva Shamahldevi Faliya
25. Gadit
26. Galampura
27. Daman
28. Takhatpura
29. Dhanpuri
30. Badhiya

31. Bhuva Dungari

32. Sudhra

Jambugodha Block

33. Rangitpura

34. Dipapura

35. Kaliyavav

36. Katkoi

37. Bhuriyakuva

Santrampur Block

38. Gadiya Poda Faliya

39. Nindaka Purva Chandali Faliya

40. Nani Dhadhali Bhadi Faliya

41. Dhanikhut Mali Faliya

42. Aora Mota aora Faliya

43. Molara Muvada Faliya

44. Gada Kandala Faliya

45. Sarsava (Paschim) Salot Faliya

46. Patisara navaghara Faliya

47. Qalakhadi Faliya

48. Navagam Rathod Faliya

49. Bachakariya Aora Faliya

50. Dungara Qadi Faliya

51. Mathkotla Faliya

52. Mota Bhagaliya Had Faliya

53. Banda Faliya

54. Sagdapada Malabariya Faliya

55. Moti Rel Purv Sopatiya Faliya

56. Agarvada

57. Umariya

58. Andarsinh Na Muvada

59. Kaduchi

60. Kanjara (Sant)

61. Kanabi Na Mohila

62. Kayariya

63. Kasiya

64. Kaliamba

65. Kotal

66. Khakhriya

67. Qaltalavadi
68. Qali Khadi
69. Qalaliya
70. Suvaliya Guvaliya
71. Godhani Muvadi
72. Ghatavadiya
73. Charan Ni Muvadi
74. Chandari
75. Chopda Davi
76. Chatrapura
77. Kala Pagi Na Muvada
78. Dehala
79. Dahyapura
80. Dhadhariya
81. Dadu NI Muvadi
82. Dotavada
83. Dolatpura
84. Nalvai
85. Nana Ambala
86. Nana Sagvachiya
87. Nani Bara
88. Nasada Morni
89. Pagi Na Muvada
90. Panch Muvadi
91. Bahigi Na Muvada (Paschim Kadana)
92. Bahadiaya
93. Barikola
94. Brahaman Ni Muvadi
95. barahman Ni Muvadi (Malvan)
96. Bhavanpura
97. Bhatmuvadi
98. Bhotva (Pashim)
99. Math
100. Mathdodiya
101. Maheta Na Muvada
102. Mota Rajanpur
103. Moti Varath
104. Rughnath Na Muvada
105. Varsada
106. Vaghotiya
107. Vacchalvada

108. Vayara
109. Sada
110. Sadiya Muvadi
111. Samatvada

Zhalod Block

112. Sanjali Ramdav Faliya
113. Rajadiya Nichala Faliya
114. Kadval Kheda Faliya
115. Kali Mahudi Puniya Faliya
116. Saopoi Talgam
117. Parava Mal Faliya
118. Lilva Pokar
119. Kaligam Inami
120. bachkariya
121. Dhamana
122. Nanakaliya

Dahod Block

123. Nasirpur Kotaj Faliya
124. Karamchand HNu Khadu Faliya
125. Amali Amali Khajuriya Faliya
126. Tanicchiya Vadaliya Faliya
127. Tanicchiya Jambudi Faliya
128. Qarbada baria Faliya
129. Kolda Buzurg Mal Faliya
130. Ranapur Buzurg Madi Faliya
131. Qalaliyavad Qari Faliya
132. Vajalav Kutarvadli Faliya
133. Himala Qadiya Faliya
134. Abhalod Kheda Faliya
135. Ranapur Buzurg

Day Baria

136. Sajora Kubhar Faliya
137. Banroli Suthar Faliya
138. Tidki Vadal Faliya
139. Vav Kulli Simada Faliya

140. Ricchvani Borani Faliya
141. Bor Pipaliya Faliya
142. Kantu Bhava Faliya
143. Bhatwada patel Faliya
144. Kubhar Palli
145. Jagana Muvada
146. Jorapura Kanpur

Limkheda Block

147. Randhikpur Kishor Faliya
148. Mathan Taviyad Faliya
149. Chhaparvad Patel Faliya
150. Chhaparvad Holi Faliya
151. Padola Faliya
152. Palli Faliya
153. Agashvani Lathodiya Faliya
154. Bor Surpur Umariya Faliya
155. Chilokota Vada Faliya
156. Chilokota Qoradi Faliya
157. Piparo Maida Faliya
158. Bhindol Holi Faliya
159. Boghadva Mal Faliya
160. Bar Nava Faliya
161. Khalta Garbadi Faliya
162. Khalta Kachala Faliya
163. Ninama Ni Vav Holi Faliya
164. Mota Mal Damor Faliya
165. Pipali Nimala Faliya
166. Anoppura Navi Vasahat Faliya
167. Agara (V) Malka Faliya
168. Panam Survan Faliya
169. Nakti Dunmgara Faliya
170. Shakkarpura
171. Padol
172. Zarola
173. Patdi
174. Surpur
175. Kubaro
176. Morai

APPENDIX - 4

NFE Centres

In all the revenue villages i.e. 1903, school facilities are available in Panchmahals District. In the Panchmahals District, 500 NFE Centres will be started to facilitate the non starters and dropouts to continue with their education. Where there is a population of 3000 to 5000, one NFE Centre will be created. In one NFE Centre, there will be 20 to 30 beneficiaries, and for the tribal pocket where there is a population 2000, one NFE Centre will be started.

The survey and identification of the villages where NFE Centres are to be opened will be carried out by the headmaster. Data will be checked and cross checked by ADEI'S. The enthusiastic teachers, head master will work as the instructor of the NFE Centre and this programme will be run after school hours. The concerned school ADEI will supervise NFE centres. Teaching-learning materials will be provided to the children who are to be enrolled in the NFE Centres.

Training to the instructor will be given at BRC and training to the supervisor will be given at DIET. DIET will design the Training Programme.

The unit cost of NFE Centre is as under :

1.	Conducting survey to open NFE centre	Rs. 1000/-
2.	Honorarium to NFE Instructor per month	Rs. 300/-
3.	Honorarium to NFE Supervisor per month	Rs. 400/-
4.	Traning programme for NFE Instructor	Rs. 300/-
5.	Providing Note Books and reading materials to the students	Rs. 25/-
I	Non recurring expenditure	
	Survey 1000X500 = Rs. 5,00,000/-	
(B)	Recurring Expenditure	
	500X300X10 month = Rs. 15,00,000/-	
	Rs. 15,00,000X2 years = Rs. 30,00,000/-	Rs. 30,00,000/-
II	Honarium to supervisors	
	One supervisor will supervise 20 NFE Centres	
	So 25 sup. X 400 X 10 = Rs. 1,00,000/-	
	Rs. 1,00,000X2 years = Rs. 2,00,000/-	Rs. 2,00,000/-
	Reading material 25X30X500X2 years = Rs. 7,50,000/-	Rs. 7,50,000/-
Total cost of this project is as under :		
I	Non Recurring	Rs. 5,00,000/-
II	Recurring	
	- Honorarium to Instructor	Rs. 30,00,000/-
	- Honorarium to Supervisor	Rs. 2,00,000/-
	- Reading materials	Rs. 7,50,000/-
	Total (I+II)	Rs. 39,50,000/-

Training programme for NFE Instructor at BRC for 3 days.

Class of 50 Teachers

TA Rs. 10/- per teacher

Teacher 50XRs.10 = Rs. 500/-

D.A. Rs. 50/- per teacher

Teacher 50XRs. 50X3 days = Rs. 7500/-

Rs. 8000/- (Total of TA & DA)

10 Class for 500 teachers 8000X10 = 80,000/- Rs. 80,000/-

Contingency Rs. 500/- per class

Rs. 500X10 class = Rs. 5000/-

Rs. 5,000/-

Rs. 85,000/-

Rs. 85,000/-

Training programme of NFE Supervisor at DIET for 3 days.

No. of supervisor will be 25 T.A. Rs. 60/- per supervisor

Sup. 25X60 Rs. = Rs. 1500/-

Rs. 1,500/-

D.A. Rs. 180 to One Sup.

Sup. 25X180 = Rs. 4500/-

Rs. 4,500/-

Contingency Rs. 500/-

Rs. 500/-

Rs. 6,500/-

Rs. 6,500/-

Rs. 91,500/-

Total

Non Recurring

5,00,000/-

Recurring

40,41,500/-

Total

Rs.

45,41,500/-

APPENDIX - 5

Cultural and Talent Activities at CRCs & BRCs & District Level

To develop the creativity among the Tribal & Non tribal areas activities in various areas like Story - Telling, Songs - Activities essay writing, Ras-Garba, Folk Dance, Drawing Activities will be held at Village level, CRC level, BRC level and finally at District level. For tribal & non tribal talukas activities will be made separately. To meet the expenditure of prizes of these activities at CRC level, Rs.2000/- p.a., at BRC level Rs.5,000/- p.a. and at District level Rs.10,000/- p.a. will be provided.

Cost of Project will be as under

1. CRC Level	5,000/- x 220	=	11,00,000/-
2. BRC Level	10,000 x 16	=	1,60,000/-
3. District Level	50,000 x 1	=	50,000/-
		Total	13,10,000/-
Total cost will be	13,10,000 x 7 years	=	<u>91,70,000/-</u>

APPENDIX - 6

BLOCK RESOURCE CENTERES AND CLUSTER RESOURCE CENTERS

Objectives :-

Keeping in view the need for decentralisation and increasing the involvement of Teachers in various education related processes, it has been decided to set-up Resource Centres at Block and Cluster levels.

There are eleven revenue blocks in Panchmahals District. The villages in the Panchmahals District are scattered and therefore the schools in the distsrict are also seattered and the area is wide in some blocks.

Looking at the geographical situation and to implement the programme effectively, there will be sixteen BRCs in the following Places.

Name of the Block	Name of BRC
(1) Godhra	(1) District Panchayat Panchmahals, Godhra
	(2) Santroad
(2) Kalol	(3) Kalol
(3) Halol	(4) Halol
(4) Jambughoda	(5) Jambughoda
(5) Shahera	(6) Shahera
(6) Lunawada	(7) Lunawada
	(8) Limadiya
(7) Santrampur	(9) Fatepura
	(10) Malvan
(8) Zalod	(11) Zalod
(9) Dahod	(12) Dahod
(10) Limkheda	(13) Randhikpur (Singavad)
	(14) Dhanpur
(11) Devgadh Baria	(15) Ghoghanba
	(16) Sagtala

Management structure of BRC

BRC will be mainly responsible for the training of the teachers, Instructors and VEC members of the Block.

There will be one co-ordinator and two assistants and one peon.

The following objectives have been set for the BRCs and CRCs.

1. To be close to the real life situation of the teachers and to monitor their felt needs.
2. To provide easier access to the teachers to academics resource.
3. To increase the participation of teachers.
4. To motivate the teachers for better teaching process.
5. To function as links of a district level system of monitoring and feed back.

Strategy :

A BRC will be established at sixteen places in the district. The BRC will have its own building and a full time co-ordinator who will be selected from the teachers of the district preferably from the same block. BRC will work as Training cum Resource Centre.

At cluster level a primary school situated at a suitable place and having spare room will be selected for establishing CRC. In this district, 220 centres are working as pay centres schools and 80 Resource centres are working as R. C. (Resource Centres) under the UPE programme, now all will work as CRC.

Teachers from all the school in a particular cluster will meet at the CRC once in a two months to discuss their academic problems.

Functions of BRC :-

1. To train primary school teachers, heads of CRCs and members of VECs.
2. Environment building.
3. Preparation of block-level plans, the implementation and monitorin.
4. Co-ordination with various departments and functionaries.
5. Providing support to CRCs.

6. Assisting DIETs in developing materials field testing and innovations
7. Assisting in school mapping.
8. To function as a resource centre for the schools in the cluster.

Functions of CRC :-

1. To function as a Resource Centre for teachers and NFE instructors.
2. To provide assistance in environment building.
3. To give general support to VECs.

Infrastructure :-

BRC

1. **Non Recurring :-**

(a) **Building :-**

For all sixteen BRC a well equipped building will be constructed at the cost of 3 lacs but in GODHRA block a BRC centre will be established at district and Taluka Head Quarters GODHRA for more effective for training programme of teachers and Inspectors. So, it will be designed with separate aspect.

Name of the Cluster Resource Centres :-

Godhra Taluka :-

- | | |
|-------------------------|-----------------------|
| 1. Ambali Chhatralaya | 16. Oravada |
| 2. Dhanitra. | 17. Daxin Bodidra Bu. |
| 3. Gothada (Timba-Road) | 18. Santroad |
| 4. Kakanpur | 19. Dangaria |
| 5. Ratanpur (Kantadi) | 20. Morva (Hadof) |
| 6. Nadisar | 21. Kuvazar |
| 7. Tuwa | 22. Vadodara |
| 8. Kalyana | 23. Vandali |
| 9. Mahelol | 24. Makhar |
| 10. Jitpura | 25. Mora |
| 11. Govindi | 26. Matral |
| 12. Morchangra | 27. Bagidol |
| 13. Parvadi | 28. Valved |
| 14. Mahuliya | 29. Rampura (Jodka) |
| 15. Erandi | 30. Chhavad |

Jambughoda Taluka :

1. Jumbugodha
2. Jotvad
3. Duma

Shehera Taluka :

1. Shehare
2. Dalvada
3. Dharapur
4. Gunali
5. Wonsalav
6. Morva (Rena)
7. Narsana
8. Nandarva
9. Navi Padardi
10. Shehari
11. Khojarvasa
12. Navi Suralo
13. Vaghjipur
14. Navi Vadi
15. Nava Rana

Lunavada Taluka :

1. Bakor
2. Borvai
3. Bhadroad
4. Charangam
5. Dhensiya
6. Hardaspur
7. Kidiya
8. Kothamba
9. Kharol
10. Limdiya
11. Dr. Poiam School
12. Mota Khanpur
13. Undra
14. Branch

15. Makhaliya
16. Malakpur
17. Mudawadakh
18. Pandarvada
19. Ram Patel Na Mavada
20. Shena Saria Gorada
21. Shamana
22. Vadagam
23. Vardhari
24. Veraniya
25. Zara
26. Madhavas
27. Nama Vadadala
28. Mota Vadodara
29. Charangam (Namman)
30. Madji Na Muvada

Dahod Taluka :

1. Dahod Taluka Kumar Shala
2. Zalod Road
3. Thakkabapa
4. Nagrada
5. Bhathivada
6. Boriyala
7. Gangaredi
8. Garbada.
9. Abhalod
10. Bawka
11. Jakot
12. Jasavada
13. Muvaliya
14. Bordi Sarkari
15. Himala
16. Jalat
17. Katvara
18. Kathala
19. Raccharada

Dev. Baria Taluka :

1. Taluka Shala
2. Station Road
3. Baina
4. Shikshanabhuv
5. Antara
6. Piplod
7. Bhathvada
8. Gollav
9. Rinchavani
10. Dudhiya
11. Kuntu
12. Dabhava
13. Gundi
14. Simaliya
15. Savaniya
16. Damanpura

Limkheda Taluka :

1. Agara (4)
2. Bhorva
3. Chilakota
4. Chhaparvad
5. Dabhuda
6. Dudhiya
7. Dhadhela
8. Dhanpur
9. Kanjata
10. Kaliarai
11. Limkheda
12. Mandor (Ka)
13. Mandar (Ram)
14. Moti Gandibar
15. Navanagar
16. Singvad
17. Tokarva
18. Vad
18. Paniya
20. Pahad

Zalod Taluka :

1. Zhalod Kumar Shala
2. Shankarpura
3. Nava Chakliya
4. Lilva Thakor
5. Limdikumar Shala
6. Bilvani

7. Kadval
8. Vansiya
9. Sanjati
10. Vasti
11. Mandali
12. Zhelod Adivasi Society
13. Dungari
14. Gultora
15. Sarori
16. Shavadiya
17. Jafarpura
18. Karath
19. Nanki

Santrampur Taluka :

1. Amthani
2. Maliyat
3. Balliya
4. Boriya
5. Batakvada
6. Chalor
7. Dungar
8. Dintvas
9. Doli
10. Fatpura
11. Ghothib
12. Janvad
13. Kadana
14. Kaliya
15. Kajali
16. Munpur
17. Moti Ral (Pa)
18. Malvan
19. Moti Rath
20. Moti Kyar
21. Narsingpur
22. Nva Kalibel
23. Nani Sarsan
24. Padri Faliya
25. Pratapgadh
26. Sarsava Paschim
27. Sukhasar
28. Taluka Shala Santrampur
29. Ukharli
30. UMBER
31. Valanvada
32. Vatli
33. Vangad

BRC AT GODHRA NON RECURRING-CUM-DPEP OFFICE

Furniture

(i) Chairs - 60 for training purpose with Broad handle for writing purpose each costing Rs. 600/- Rs. 600X60 Chairs = 36,000/-	Rs.	36,000/-
(ii) Chairs - 10 for staff each costing Rs. 400/- Rs. 400X10 Chairs = 4000/-	Rs.	4000/-
(iii) Tables - 3 fo staff each costing of Rs. 900/- Rs. 900X3 Table = Rs. 2700/-	Rs.	2700/-
(iv) Equipments - Charts - Black-boards - Science equipments - Cyclostyle Machine - Overhead Projector - Type Writer - Total = Rs. 50,000/-	Rs.	50,000/-
(v) Steel Cup Board-Cum Store well - 2 each costing of Rs. 3000/- Rs. 3000X2 Cupboard = Rs. 6000/-	Rs.	6,000/-
	Rs.	98,700/-

NON RECURRING EXPENDITURE OF 15 BRCs

Furniture

(i) Chairs 10 each costing of Rs. 400/- Rs. 400X10 Chairs = 4000/- Rs. 4000X15 = Rs. 60000/-	Rs.	60,000/-
(ii) Table 3 each costing of Rs. 900/- Rs. 900X3 Table = 2700/- Rs. 2700X15 BRCs = Rs. 40,500/-	Rs.	40,500/-
(iii) Steel-cup-board-cum- Storewell - 2 each costing of Rs. 3000/- Rs. 3000X2 Cup-board = Rs. 6000/- Rs. 6000X15 BRCs = Rs. 90,000/-	Rs.	90,000/-
		<hr/> <hr/>
	Rs.	1,90,500/-
(iv) Equipments - Charts - Black-boards - Science equipments - Cyclostyle Machine - Overhead Projector - Typewriter Rs. 50,000/- per BRCs Rs. 50,000X15 BRCs = Rs. 7,50,000/-	Rs.	7,50,000/-
(v) Mat 2 each costing of Rs. 1500/- Rs. 1500X2 Mat = Rs. 3000/- Rs. 3000X15 BRCs = Rs. 45,000/-	Rs.	45,000/-
		<hr/> <hr/>
	Rs.	7,95,000/-

TOTAL NON-RECURRING OF BRCs.

(A) Furniture

(i) GODHRA BRC-CUM-DPEP OFFICE

Rs. 48,700/-

(ii) 15 BRCs

Rs. 2,35,500/-

(B) Equipments for 16 BRCs.

Rs. 8,00,000/-

Rs. 10,84,200/-

RECURRING

(a) Professional Assistant - 1

Rs. 3000/- fixed per month

Rs. 3000X12 months = 36000/-

Rs. 36000X16X7 = Rs. 40,32,000/-

Rs. 40,32,000/-

(b) Assistant-co-ordinator - 2

Rs. 2000/- fixed per month

Rs. 2000X2 = Rs. 4000/-

Rs. 4000X12 months = 48,000/-

Rs. 48000X16X7 = Rs. 53,76,000/-

Rs. 53,76,000/-

(c) Peon-cum-watchman - 1

Rs. 1000/- fixed per month

Rs. 1000X12 months = Rs. 12,000/-

Rs. 12,000X16X7 = Rs. 13,44,000/-

Rs. 13,44,000/-

(d) Contingency

(i) Common Contingency

(Sweeper charges, Water, Stationary etc.)

Rs. 500/- per month

Rs. 500X12 months = 6000/-

Rs. 6000X15X7 = Rs. 6,30,000/-

Rs. 6,30,000/-

(except Godhra BRCs.)

(ii) Meeting Contingency

Meeting literature T-A-DA to

Non Official etc.

Rs. 5000/- per annum

Rs. 5000 X 15 BRCs X 7 years

Rs. 5,25,000/-

Rs. 5,25,000/-

CRCs

(A) One day workshop for VEC members 50 members of VEC

T.A. Rs. 20/- per member			
Rs. 20/- x 50 members	=	Rs.	1,000/-
Tea, Refreshment and contingency	=	Rs.	1,000/-
Total	=	Rs.	2,000/-
Rs. 2,000/- x 220 CRCs	=	Rs.	4,40,000/-
Rs. 4,40,000/- x 4 Years	=	Rs.	17,60,000/-
Total Project Cost	=	Rs.	17,60,000/-

(B) In Service Training for different subjects, methodology and group discussion.

50 Teachers			
Tea & Refreshment Rs. 10/-			
4 Groups discussions in a year			
Rs. 10/- x 4 time x 50	=	Rs.	2,000/-
Rs. 2,000/- x 220 CRCs	=	Rs.	4,40,000/-
Rs. 4,40,000/- x 4 Years	=	Rs.	17,60,000/-

(C) Social awareness for VEC members

Rs. 1,000/- per VEC per annum			
Rs. 1,000/- x 1903 Villages i.e. VEC	=	Rs.	19,03,000/-
Rs. 19,03,000/- x 7 Years	=	Rs.	1,33,21,000/-

Recurring

(A) Honorarium to Resource Person

Rs. 50/- per meeting per person.			
i.e. Rs. 2,000/- per annum			
Rs. 2,000/- x 4 years	=	Rs.	8,000/-
Rs. 8,000/- x 220 CRCs	=	Rs.	17,60,000/-

(B) Operation

Raw material for science practical work,			
Raw materials for preparation of teaching aids contingency Rs. 2,000/- per annum			
Rs. 2,000/- x 4 years	=	Rs.	8,000/-
Rs. 8,000/- x 220 CRCs	=	Rs.	1,76,000/-

(C) Maintenance for equipments and other items Rs. 500/- per annum

Rs. 500/- x 4 years	=	Rs.	2,000/-
Rs. 2,000/- x 220 CRCs	=	Rs.	4,40,000/-

**CRCs
NON RECURRING**

(A) Furniture

(i) 5 Chairs each costing of

Rs. 400/-

Rs. 400X5 chairs = 2000/-

Rs. 2000X220 CRCs = Rs. 4,40,000/-

(ii) Table - 1 Costing of Rs. 900/-

Rs. 900X220 CRCs = Rs. 1,98,000/-

(iii) Equipments

- Charts

- Black-boards

- Science equipments

- Jug, water glass

- Mathematic Kit

Rs. 5000/-

Rs. 5000X220 CRCs = Rs. 11,00,000/-

(iv) Carpet - 2

each costing of Rs. 1500/-

Rs. 1500X2 = Rs. 3000/-

Rs. 3000X220 CRCs = Rs. 6,60,000/-

Rs. 4,40,000/-

Rs. 1,98,000/-

Rs. 11,00,000/-

Rs. 6,60,000/-

Rs. 23,98,000/-

and for the building cost of the GODHRA BRC will be 5 Lakhs and other 15 (fifteen) BRCs will be constructed at the cost of 3 Lakhs each so 50 Lakhs for construction of building of 16 BRCs.

Rs. 50,00,000/-

APPENDIX - 7

DETAILS OF SCHOOLS TO BE REPAIRED

Sr. No.	Taluka	No. of Schools	Amount of Estimated Cost
1.	Halol	62	8,90,300/-
2.	Kalol	23	4,77,000/-
3.	Lunawada	19	2,45,000/-
4.	Dahod	38	8,90,000/-
5.	Linawada	45	5,80,000/-
6.	Godhra	28	7,08,000/-
7.	Shahera	28	7,56,000/-
8.	Jambughoda	25	4,71,650/-
9.	Santrampur	57	14,32,052/-
10.	Jhalod	30	2,62,800/-
11.	Devgadhbaria	33	4,81,000/-
	Total	388	71,93,802/-

APPENDIX - 8

Coaching Class for Weak Students only for SC/ST girls child :

Objectives :-

- 1) Upgradation of achievement of girl student amongst SC's & ST's weak students in context of M.L.L.
- 2) To improve quality of education

Functions :-

- 1) After or before school hours, classes will be conducted.
- 2) The school teachers will conduct the classes.
- 3) Personal coaching & attention will be paid to weaker section of the class.
- 4) Duration of the class will be six hours per week.
- 5) Attendance of the child should be more than 70% during coaching classes.

Financial Aspect :-

If students will attain the prescribed minimum achievement, then teachers will get Rs. 200/- per student per annum.

- Expected students for these coaching class would be one lakh for first year.
- Total required will be Rs. 200 x 50,000/- = Nos. 1,00,00,000

Expected No. of Students

for II nd Year	-	Nos.	40,000
for III rd year	-	Nos.	40,000
for IV th year	-	Nos.	40,000
for V th year	-	Nos.	40,000
for VI th year	-	Nos.	30,000
for VII th year	-	Nos.	30,000
Total Nos. of students	-	Nos.	<u>2,20,000</u>

Total cost for remaining Six year will be

$$\text{Nos. } 2,20,000/- \times \text{Rs. } 200 = \text{Rs. } 4,40,00,000/-$$

Grand Total for its scheme will be

$$\text{Rs. } 4,40,00,000/- + \text{Rs. } 1,00,00,000/- = \text{Rs. } 5,40,00,000/-$$

APPENDIX - 9

The Scheme for Awards

Objectives :

- 1) 100% enrolment of children in the 6-11 Age-group under the compulsory education Act.
- 2) 100% Retention.
- 3) Average attendance 70% and above percentage

This scheme will be implemented to 10 schools of each Taluka.

The First Prize :

Whose performance in enrolment, retention and attendance is highest.

Each school will be given a prize of 1,000 in kind or cash. The amount of this prize should be utilized for the improvement of the school. As decided by the VEC.

1,000/- x 10 x 11 (Approximate)	=	Rs.	1,10,000/-
1,10,000/- x 6	=	Rs.	6,60,000/-

APPENDIX - 10

Special Innovative Scheme for Enrolment & Retention in the Village adopted by Chief Minister of Gujarat pertaining to the Limkheda Taluka.

Panchmahal district, with its large Tribal population and hilly area is one of the ten backward districts, of the Gujarat State.

Looking to the backwardness and poverty, Chief Minister of Gujarat has adopted 26 villages of Limkheda Taluka to concentrate on the over all development of these villages. All Schemes of Government are specifically applied in these 26 villages by various departments. Population in these villages are unevenly distributed. The Majority of the people of these villages belonging to Schedule Tribes are living under poverty-line due to their poor socio economic condition they donot send their children to schools. They still believe in their old traditions, and due to these old traditions, they are not sending their children to the schools and especially the girls students. There is lack of social awareness among these people.

For enrolment and retention of these children and especially for girls we are supposed to launch the following Innovative programme.

We are taking in the first year two villages as a sample on a trial base. To each student, following things will be provided.

1) Uniform 2 pairs	Rs.	80/-
2) Slate 1	Rs.	5/-
3) Note books 3	Rs.	15/-
4) School bag handloom 1	Rs.	30/-
5) Pencil and Rubber	R.s	10/-
6) Opportunity cost to parent in kind of food grain	Rs.	200/-
Total	Rs.	340/-

100 Students in two villages students of standard I & II class

Rs. 340/- x 100 Students x 1 Year = Rs. 34,000/-

After the successful implementation this programme will be continued in all the 26 villages for 6 years and the total cost for the project period will be Rs. 24,12,640/-

Scheme will be implemented for children in class I & class II only.

In the Limkheda Taluka there are 26 villages adopted for all round development by C.M. of Gujarat State. These villages are as under :-

1) Khajuri	10) Dhanarpatia	19) Gohelvagha
2) Zabu	11) Bilia	20) Nanimalu
3) Harakhpura	12) Sangasar	21) Motimalu
4) Vakota	13) Kankuva	22) Kanseta
5) Kalakhut	14) Ulkadar	23) Vansiadungri
6) Navanagar	15) Leliya Amba	24) Kakadkhila
7) Kadval	16) Shakkpura	25) Bhanpur
8) Khadada	17) Punakota	26) Panam
9) Ambakach	18) Ladvavad	

APPENDIX - 11

Retention and Learner Achievement

Training cost for 50 BRC teacher Educator i.e. Professional Assistant & Assistant Co-ordinator at DIET for 3 Days.

(A)	i) T.A. Rs. 60 x 50 Persons	=	Rs.	3,000/-
	ii) D.A. Rs. 60/- x 3 Days = Rs. 180/- Rs. 180 x 50 Persons	=	Rs.	9,000/-
	iii) Contingency		Rs.	300/-
	Total	=	Rs.	12,300/-
	Total Cost Rs. 12,300 x 7 years	=	Rs.	86,100/-

(B) Training & Orientation Programme for supervisors i.e. AElS at DIET in two workshops for 3 days.

i)	T.A. Rs. 60/- x 70 AElS	=	Rs.	4,200/-
ii)	D.A. Rs. 60/- x 70 AElS x 3 Days	=	Rs.	12,600/-
iii)	Contingency for two workshops. Rs. 300 x 2 Workshops	=	Rs.	600/-
	Total	=	Rs.	17,400/-
	Rs. 17,400 x 7 Years	=	Rs.	1,21,800/-

Training of Head Masters & Teachers at BRCs.

(A) Class of 50 Teachers for three days.

T.A. Rs. 20/- per Teacher	Teachers 50 x Rs. 20/-	=	Rs.	1,000/-
D.A. Rs. 60 per Teacher	Teachers 50 x Rs. 60/- x 3 Days	=	Rs.	9,000/-

T.A. Rs. 60/- to Resource Person One Resource Person.	=	Rs.	60/-
D.A. Rs. 60/- to Resources Person Rs. 60/- x 1 Resource Person x 3 Days	=	Rs.	180/-
Honorarium Rs. 50/- per day, for 3 days Rs. 50/- x 3 Days	=	Rs.	150/-
Contingency	=	Rs.	300/-
Total	=	Rs.	10,690/-

Rs. 10,690/- Total Cost for 1 training programme
For 250 Teachers 5, Training Programme will be required for 1 BRC.

Rs. 10,690/- x 5	=	Rs.	53,450/-
Rs. 53,450/- x 16 BRCs	=	Rs.	8,55,200/-

(B) Training Materials

Cyclostyle Materials etc.

Each teacher of Rs. 100/- per year

Teachers 250 x Rs. 100/- x 16 BRCs	=	Rs.	4,00,000/-
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During the project training & Orientation will be conducted phase wise for Four Years.
Each BRC will conduct 5 programmes each programme will cost

		Rs.	10,690/-
Materials	=	Rs.	5,000/-
Total	=	Rs.	15,690/-

Rs. 15,690/- x 5 Programmes at BRC	=	Rs.	78,450/-
Rs. 78,450/- x 16 BRCs	=	Rs.	12,55,200/-
Total Cost of Project			
Rs. 12,55,200/- x 4 Year	=	Rs.	50,20,800/-

APPENDIX - 12

For Sports and Games Equipments :

(A) Providing Equipments for games for Standard I to IV

Number of Schools : 1800

Each school will be given Rs. 500/- for the first year and Rs. 200/- for the remaining Six years.

No. of schools 1800 x Rs. 500/- = Rs. 9,00,000/-

(For First Year)

No. of Schools 1800 x Rs. 200 x 6 Years = Rs. 21,60,000/-

Total = **Rs. 30,60,000/-**

(B) Providing Equipments for games for standard I to VII

Number of Schols = 1240

Each school will be given Rs. 1,000/- from the second year and Rs. 300/- for the remaining five years. 12,40,000/-

No. of Schools 1240 x Rs. 1,000/-

No. of Schools 1240 x Rs. 300/- x 5 Years = Rs. 18,60,000/-

Total = **Rs. 31,00,000/-**

Grand Total of (A) & (B)

A = Rs. 31,00,000/-

B = Rs. 30,60,000/-

Total **Rs. 61,60,000/-**

Teaching Learning Material & Configency :

Each Teacher will be given Rs. 500/- p.a.

to prepare low cost teaching aids and

this will met the school contingency

Teachers 12,000 x Rs. 500 x 7 yrs. = Rs. 4,20,00,000/-

Each school will be given Rs. 2,000/- p.a.

for school building maintance & equipments from second year of the project

No. of schools 3,040 x Rs. 2000 x 6 yrs. = Rs. 3,64,80,000/-

Total **Rs. 7,84,80,000/-**

APPENDIX - 13

Management

Structure :-

- 1) One District Project Director
- 2) One Programme Co-ordinator
- 3) One Assistant Programme Co-ordinator
- 4) One Assistant Engineer
- 5) One Accountant
- 6) One Clerk-Cum-Typist (English)
- 7) One Clerk-Cum-Typist (Gujarati)
- 8) Three peons

Recurring

1) One District Project Director			
Honorarium Rs. 2,000/- per month			
Rs. 2,000/- x 12 months	=	Rs.	24,000/-
Rs. 24,000/- x 7 years	=	Rs.	1,68,000/-
2) One Programme Co-ordinator			
Salary Rs. 8,000/- per month			
Rs. 8,000/- x 12 months	=	Rs.	96,000/-
Rs. 96,000/- x 7 years	=	Rs.	6,72,000/-
3) One Assistant Programme Co-ordinator			
Salary Rs. 6,000/- per month			
Rs. 6,000/- x 12 months	=	Rs.	72,000/-
Rs. 72,000/- x 7 years	=	Rs.	5,04,000/-
4) One Assistant Engineer			
Salary Rs. 6,000/- per month			
Rs. 6,000/- x 12 months	=	Rs.	72,000/-
Rs. 72,000/- x 7 years	=	Rs.	5,04,000/-
5) One Accountant			
Salary Rs. 3,000/- per month			
Rs. 3,000/- x 12 months	=	Rs.	36,000/-
Rs. 36,000/- x 7 years	=	Rs.	2,52,000/-

6) One Clerk Cum Typist (English)
 cum computer operator
 Salary Rs. 2,500/- per month
 Rs. 2,500/- x 12 months = Rs. 30,000/-
 Rs. 30,000/- x 7 years = Rs. 2,10,000/-

7) One Clerk Cum Typist (Gujarati)
 Salary Rs. 2,500/- per month
 Rs. 2,500/- x 12 months = Rs. 30,000/-
 Rs. 30,000/- x 7 years = Rs. 2,10,000/-

8) Two Peons
 Salary Rs. 2,000/- per month
 Rs. 2,000/- x 2 peons = Rs. 4,000/-
 Rs. 4,000/- x 12 months = Rs. 48,000/-
 Rs. 48,000/- x 7 years = Rs. 3,36,000/-

9) Six drivers
 Salery per drivers per month = Rs. 3000/-
 For first year one drivers salary Rs. 3000X12 = Rs. 36000
 Rs. 36,000/- X 6 Drivers X 6 years = Rs. 12,96,000/-
 Total = Rs. 13,32,000/-

10) Telephone & Light Bills
 Rs. 10,000/- per month
 Rs. 10,000/- x 12 months x 7 years = Rs. 8,40,000/-

Contingency :-

1) Common Contingency : (Sweeper Charge, Water, Stationary etc.)
 Rs. 1,000/- per month
 Rs. 1,000/- x 12 month = Rs. 12,000/-
 Rs. 12,000/- x 7 years = Rs. 84,000/-

2) Meeting Contingency : (Tea & Refreshment, Meeting Literature, T.A.,
 D.A. to Non Officials etc.)
 Rs. 20,000/- per annum
 Rs. 20,000/- x 7 years = Rs. 1,40,000/-

3) Fuel Charges :
 Rs. 3,000/- per Vehicle per month
 Rs. 3,000/- x 1 Vehicle x 12 months = Rs. 36,000/-
 Rs. 36,000/- x 6 Vehicle x 6 years = Rs. 12,96,000/-
 Total = Rs. 13,32,000/-
 Grand Total = Rs. 65,84,000/-

Nonrecurring :-

1) Fax	=	Rs.	25,000/-
2) Electronic Typewriter	=	Rs.	20,000/-
3) Furniture			
10 Chairs per chair Rs. 400/-		Rs.	4,000/-
6 Tables per Table Rs. 900/-		Rs.	5,400/-
6 Cup-boards per Rs. 2,500/-		Rs.	15,000/-
4 Racks etc. Rs. 1,000/-		Rs.	4,000/-
1 Carpet Rs. 4,000/-		Rs.	4,000/-
Total		Rs.	32,400/-
4) One Vehicle for 4 BRCs comes to 4 Vehicles for Sixteen BRCs One Ambassador for District Monitoring Cell One Vehicle for DIET	=	Rs.	18,00,000/-
5) One Water Cooler	=	Rs.	1,00,000/-
		Rs.	19,77,400/-
Recurring =		Rs.	65,84,000/-
Nonrecurring =		Rs.	19,77,400/-
Total Project Cost	=	Rs.	85,61,400/-

APPENDIX - 14

Social Awareness for VEC members.

It is important that community awareness programmes on a wide scale, and carefully pitched according to the development levels of particular areas. They should focus not only on enrolling children but also on the community's equally important role of monitoring teacher's performance, so that teachers give their best. Many community members, particularly those in tribal areas who are not literate themselves, do not know what to expect of a properly functioning school. Community awareness programmes will aim to mobilise public opinion to create community participation in the educational process. The objectives of these programmes will be to :-

1. Mobilise popular demand for education
2. Increase public awareness of what to expect local primary schools.
3. encourage enrolments in school & minimising drop-outs.
4. Provide a supportive environment in which the school can operate, more village level inputs into school and establishment of Village Education Committee (VEC's)

A provision of Rs. 1000-00 per school per year has been made for the first year
Rs. 1000x1903(no. of villages) = 19.03 lacs.

For 7 years

19.03 lacs x 7 years = Rs. 133.21 lacs

APPENDIX - 15

SCHOOL MAPING AND FOCUSED GROUP DISCUSSION

The focussed group discussion is needed for developing a sense of belongigness of the school by the community. Therefore, whatever the problems the schools will be facing the community member will be able to solve it by themselves.

They themselves will mobilise for enrolment retention and quality learning. They will also develop an idea about the concept of a good school. These can be done by a team of experts appointed by the D.P.E.O. for all the 16 Blocks. The D.P.E.O. will appoint the pay centres H.M. Senior Teachers and A.E.I.s in these team. These teams will stay in the villages for long period and conduct focussed group discussion by taking 6 to 10 members (Representative of all types of peoples in the village) at a time and discuss one particular problem. This may require several sessions for one village. There for to cover one particular village will take 15 to 20 days. In this manner all the villages will be covered and this will be a regular feature of the project period. In the first year this may be quite intensive. To equip the team members in conducting focused group discussion intensive training will be provided at the BRCs by experts. In the seventh year of the project focussed group discussion will not be required because it is hoped that the community membrs will be equipped by the times. The details of expenditure can be seen from Appendix-B.

FIRST YEAR TRAINING

In each team there will be 2 members.

10 Teams will be made.

10 Teams of 2 Members per BRC

16 BRC x 20 Members = 320 Persons

Training will be at BRCs level.

Training of Three days.

(1) T.A. Rs.60/- x 320 Persons =	Rs.	19,200/-
(2) D.A. Rs.60/- x 3 days x 320 Persons =	Rs.	57,600/-
(3) Contingency Rs.300/- per class there will be 7 Training Classes Contingency 7 x 300 =	Rs.	2,100/-
	<hr/>	
	Rs.	78,900/-
	<hr/>	

For the purpose of group discussion at village level.

Each village will be given Rs. 1,500/-

Total No. of villages 1903

1903 villages x Rs.1500/- = Rs. 28,54,500/-

For 5 years Rs.28,54,500 x 5 Years = Rs. 1,42,72,500/-

Total Cost of the Project Rs. 1,43,51,400/-

APPENDIX - 16

COMPARATIVE STATEMENT OF EXPENDITURE OF DISTRICT EDUCATION COMMITTEE WITH DISTRICT OWN FUND AND STATE GOVERNMENT

Year	District Panchayat Budget	Expenditure for Education	Percentage
1990-91 Own Fund	66,25,324	5,00,216	7.5%
State Govt Grant	61,33,83,996	28,20,84,650	46%
1991-92 Own Fund	78,46,702	8,04,743	10%
State Govt Grant	73,64,45,875	36,85,99,191	50%
1992-93 Own Fund	80,08,317	9,69,899	12%
State Govt Grant	84,98,47,170	41,50,09,740	48%
1993-94 Own Fund	70,42,695	5,71,244	8%
State Govt Grant	1,00,02,90,029	55,39,87,120	55%
1994-95 Own Fund	98,96,600	9,80,845	10%
State Govt Grant	1,25,75,21,682	61,59,77,906	49%

DISTRICT PRIMARY EDUCATION COMMITTEE P.M.S. DETAIL OF EXPENDITURE

Sr. No.	Details of Head	Rs. In Lack				
		year 90-91	91-92	92-93	93-94	94-95
1.	2202 Normal Education 12 Primary Education Teachers Grant	5.48	33.56	33.08	46.54	49.90
2.	2202 Normal Education Detam, Capitation Grant	-	-	-	13.53	20.00
3.	2202 Normal Education EDN 1 Tribal Non-plan	2.23	2.53	3.37	11.45	-
4.	2202 Normal Education EDN 1 Tribal Non-plan	26.65	37.20	1.74	4.56	600.00
5.	2202 Normal Education EDN 5 Nontribal Non-plan	23.75	20.00	42.15	24.99	37.99
6.	2202 Normal Education EDN 5 Tribal Non-plan	-	31.34	50.56	68.32	110.00
7.	2202 Normal Education Operation Black Board Teacher Grant	123.00	50.00	147.00	127.46	200.50
8.	2202 Normal Education Supervision Staff	-	27.15	27.73	28.98	41.92
9.	2202 Normal Education EDN 16 Non-plan Dy. D.P.E.O. Salary Grant	0.42	0.40	0.53	0.56	0.98
10.	2202 Normal Education EDN 11 Tribal B.K. Salary Grant	0.86	2.09	0.45	1.59	4.48
11.	2202 Normal Education EDN 16 Lady Motivator Non-plan Tribal	-	0.33	0.40	0.43	0.75
12.	2202 Normal Education Tasp Supervision Staff Head Clerk	00.49	-	0.53	0.57	0.80
13.	2202 Normal Education (EBC) Scholarship for hostel student	2.58	4.12	2.48	4.00	4.48

Sr. No.	Details of Head	Rs. In Lack				
		year 90-91	91-92	92-93	93-94	94-95
14.	2202 Normal Education EDN 3 Opening Newschool Tribal	-	0.28	-	-	1.48
15.	2202 Normal Education EDN 6 Tribal Plan Physical Facilities Tribal Area in School	-	0.12	0.12	0.12	0.12
16.	2202 Normal Education EDN 6 Nontribal Plan Physical Facilities in School	-	1.20	0.60	0.60	1.88
17.	2202 Normal Education EDN 7 Science Kit Box	-	1.62	2.00	-	-
18.	2202 Normal Education EDN 8 Tasp Tribal Area Student	-	-	-	-	-
19.	2202 Normal Education EDN 10 SC. ST. Other Scholars Student Aid Nontribal	-	4.18	4.09	1.56	4.46
20.	2202 Normal Education EDN 10 Taspscholar Student Aid Tribal Student Aid	-	11.95	-	2.04	9.80
21.	2202 Normal Education EDN 10 SC. Special Component Plan	-	4.17	-	00.79	5.57
22.	2202 Normal Education EDN 14 Coaching Class for Educationally Poor Student	-	0.29	-	-	-
23.	2202 Normal Education EDN 15 Pre Primary School Balmandir Grant Nontribal Non-plan	-	0.93	5.81	7.46	7.50
24.	2202 Normal Education EDN 15 Pre Primary School Balmandir Grant Tribal Non-plan Tribal Area	-	1.71	-	3.39	6.98

Sr. No.	Details of Head	Rs. In Lack				
		year 90-91	91-92	92-93	93-94	94-95
25.	2205 Art Cultrure EDN Library Maintanance Grant Nontribal Area	-	7.26	-	10.08	11.45
26.	2205 Art Culture Library Develop Tribal Area Non-plan	-	5.44	-	4.52	8.59
27.	2202 Normal Education EDN 2 Additional Class Room and maintanance Grant Tribal Area	-	-	-	-	-
28.	2202 Normal Education Education Research	-	-	-	-	-
29.	2202 Normal Education Primary Education 104 teacher and others service 17OB Physical Facilities 100% Center Sponsored Non-plan	-	-	-	4.98	-
30.	2202 Normal Education EDN 2 O.B. Primary School Class Room Nontribal Plan	-	7.36	7.74	100.71	109.80
31.	2202 Normal Education 796 S.T. EDN 2 Additional Class Romm J.R.Y. Tribal Area	-	-	-	-	-
32.	2202 Normal Education EDN 2 Primary School Additional Class Room J.R.Y. Nontribal Plan	-	-	97.60	-	-
33.	2202 Normal Education 107 Scholarship 4 Highschool Middel School	-	-	-	00.13	00.13
		28.20	36.85	41.50	55.39	61.59

APPENDIX - 17

**District Primary Education Programme Panchmahals District
The Participation process in action in District Education Programme**

Sr. No. 1	Dates of Events 2	Place 3	Subject Matter 4
1	13/9/95	Gandhinagar	<p>The meeting at Gandhinagar for the discussion of DPEP Draft plan was held. It was inaugurated by Shri S.D. Sharma IAS Secretary Education Department, Gujarat State, Shri C.K. Desai IAS Deputy Secretary Education Dept., Dr. A.D. Patel Director of Primary Education, Gandhinagar, Shri A.C. Patel Dy. Director (planning), Shri Pankaj Joshi IAS District Development Officer, Panchmahal, Shri R.C. Gor DPEO, Panchmahal, Shri J.H. Chaudhary DIET Shri L.V. Machhar Dy. DPEO Pms. and the members of Resource Institutes were present In this meeting aims and objectives of DPEP were discussed. The problems and issues of Primary Education were discussed. The above mentioned officers provided relevent guidlines for the DPEP.</p>
2	16/9/95	Godhra(Pms)	<p>The meeting cum seminar was conducted at Godhra. The seminar was inaugurated by Shri Dalpatsinh Patel President, Dist. Panchayat Panchmahals, Shri C.K. Desai IAS Dy. Secretary Education Dept. Govt. of Gujarat was the Chair Person of the seminar. Shri R.K. Chaudhry Director, GCERT A'bad, Shri A.C.Patel Dy. Director (planning) Primary Education, Gandhinagar, Shri Pankaj Joshi IAS DDO Pms., Shri Dr. Pradhan from M. S. University, Baroda, Shri R.C. Gor DPEO Pms., Shri D.B. Patel DEO Pms., Shri J.S. Anand DAEO Pms., Shri J.H. Chaudhry Principal DIET, S'pur., All P.O. cum T.D.Os and T.D.Os of all Talukas, ADEIs, Representatives of District and Taluka Teachers association, Representatives of Resource Institutes. All Officals and non officials, NGOs were present in this seminar. All the participants discussed various strategies for achieving universal enrolment, retention and completion of the primary education.</p>
3	23/9/95	Godhra(Pms)	<p>The second meeting (District level) was held on 23-9-95 at Godhra (Pms) in the presence of Mr. C.K. Desai IAS Dy. Secretary Education Department and Mr. R.K. Chaudhari Director GCERT, Mr. A.C. Patel Dy. Director (planning) were also present. They discussed about the Data base line forms and</p>

Sr. No. 1	Dates of Events 2	Place 3	Subject Matter 4
			<p>cross checking of these forms. Mr. R.K. Chaudhari pointed out some problems regarding Primary Educations in Panchmahals districts. Mr. C.K. Desai IAS deeply discussed various aspects of DPEP. He further asked to go through the report to be prepared for Panchmahals district.</p>
4	30/9/95	A'bad(GCERT)	<p>At GCERT (A'bad) a state level meeting of three district namely Panchmahal, Banaskantha and Dangs was held Mr. C.K. Desai IAS Dy. Secretary Edn. Dept. state & district level officers were present in this meeting the discussion was made to prepare the draft outline for DPEP plan and to conduct the sample survey through investigators. Different suggestions were made regarding draft plan and survey.</p>
5	9/10/95	Godhra (Pms)	<p>Meeting was held under the chairmanship of Shri Pankaj Joshi IAS DDO Pms., Shri C.K. Desai IAS Dy. Secretary Edn. Dept. Govt. of Gujarat, Shri A.C. Patel Dy. Director (planning) Edn. Dept. Dr. Pradhan M.S. Uni. Baroda, Shri R.C. Gor DPEO Pms., Shri D.B.Patel DEO Pms., Shri J.S. Anand DAEO Pms., Shri J.H. Chaudhry Principal DIET Santrampur, Presidents of all Taluka Panchayats, P.O. cum TDO's and TDOs of all Talukas, All ADEIS, Representatives of Teachers associations of District and Talukas, NGOs representatives, were present. The Brain storming session was held six core groups gave thier reports and suggestions for various schemes. Which will be discussed concurrently at the time of finalising the draft plan. DPEO represented the draft plan and various aspects of the plan were discussed and it was decided to revise the plan.</p>
6	11/10/95	Godhra (DDO chamber)	<p>The district level meeting was held at DDO's Chamber, Shri Pankaj Joshi IAS DDO Pms., Shri Jayant Sevak Dy. DDO (Est.) Shri R.C. Gor DPEO Pms., Shri J.S. Anand DAEO Pms., and the members of the plannary group were present. A discussion was made for various aspects regarding DPEP namely universal enrolment, retantion and completion of primary education, design and construction of school buildings, teachers quarters, social awarness compaign, Teachers and AEIS training programmes, various innovative schemes, management structure and participation of teachers and AEIS association.</p>
7	4/11/95	A'bad (GCERT office)	<p>DPEP draft action plan for Panchmahals District was presented by Shri Pankaj Joshi, IAS before the State Committee draft action plan was appreciated by all members.</p>

DISTRICT PRIMARY EDUCATION PROGRAMME PANCHMAHAL DISTRICT

ABSTRACT

Sr. No.	Name of The Components	Cost for 1996-1997	Cost for Project Period
1.	Improving Access	10,98,700	18,19,43,700
2.	Improving Retentional Achievement	1,82,44,000	16,52,34,040
3.	Capacity Building	63,39,300	4,64,98,100
	TOTAL	2,56,82,000	39,36,75,840

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

APENDIX-A. IMPROVING ACCESS

ITEM WISE UNIT COST

Sr. No.	Name of The Components	Item wise Unit Cost
1.	Constructions of 2 class rooms unit	2,00,000/-
2.	Additional rooms 100, Two class room unit	2,00,000/-
3.	Construction of BRCs buildings 1 for GODHRA BRC cum DEEP Office Rs.5 Lakh and other 15 BRCs.	1. 5,00,000/- 2. 3,00,000/-
4.	Teachers Quarters 100	2,10,00,000/-
5.	Electrification for 500 Schools	2,000/-
6.	For Drinking Water Facilities	30,000/-
7.	School Major Repairs	---
8.	Opening of New Schools } Appointment of Teachers }	3,000/-
9.	Furniture and Equipments	10,000/-
10.	Furniture and Equipment BRSc & CRCs	---
11.	Teaching Learning Materials	5,000/-
12.	Conducting Survey to open NFE centres	1,000/-
13.	Honorarium to Instructors, Supervisors, Reading Materials and Training for NFE Centres	1. Instructor 300/- 2. Supervisor 400/- 3. Reading Material 025/-

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

IMPROVING RETENTION AND ACHIEVEMENT

ITEM WISE UNIT COST

Sr. No.	Name of The Components	Item wise Unit Cost
1.	Cultural and talent Activities at BRCs, CRCs and District level	13,10,000/-
2.	School mapping and Focussed group Discussion	1500/--
3.	Sports and Games Equipments	Schools I to V 500/- Schools I to VII 1000/-
4.	For Teaching Learning Materials	500/- per Teacher 2000/- per School
5.	Coaching class for weaker Students	200/-
6.	Prize and Awards for Retention	1100/- per School
7.	Special Scheme for CM's adopted Villages (No. of Villages)	340/- per Student

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

CAPACITY BUILDING

ITEM WISE UNIT COST

Sr. No.	Name of The Components	Item wise Unit Cost
1.	Training cost for BRSc Educators per Educator	246.00
2.	Training to Supervisor (AEIS) at DIET per Supervisor	290.00
3.	Training to Head Masters & Teachers at BRCs per Head Master	212.00
4.	Workshop for VEC members at CRCs per VEC Member	40.00
5.	Inservice Training & Group Discussion of Teachers of Different Subjects, Methodology at CRCs per Teacher	40.00
6.	Social Awareness for VEC per Village	1000.00
7.	Honorarium to Resource Persons at CRCs per Person	50.00
8.	Operation of CRCs per CRE p.a.	2000.00
9.	Maintenance of Equipments, Buildings & Other Items per CRC	2000.00
10.	Management Office	--
11.	Management BRCs	--

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

APENDIX-A. IMPROVING ACCESS

PHYSICAL TARGET

Sr. No.	Name of The Components	I	II	III	IV	V	VI	VII	Total
1.	Constructions of 2 class rooms unit.	Nil	24	60	80	36	--	--	200
2.	Additional rooms 100, Two class room unit	Nil	12	30	40	18	--	--	100
3.	Construction of BRCs buildings 1 for GODHRA BRC cum DEEP Office Rs.5 Lakh and other 15 BRCs.	1	5	5	5	--	--	--	1+15=16
4.	Teachers Quarters 100	Nil	12	30	40	18	--	--	100
5.	Electrification for 500 Schools	Nil	60	150	200	90	--	--	500
6.	For Drinking Water Facilities	Nil	60	150	200	90	--	--	500
7.	School Major Repairs	Nil	120	268	--	--	--	--	388
8.	Opening of New Schools Appointment of new Teachers	Nil	200	200	--	--	--	--	200
9.	Furniture and Equipments office	--	100	100	--	--	--	--	200
10.	Furniture and Equipment BRSc & CRCs	1	5	5	5	--	--	--	16
11.	Teaching Learning Materials	Nil	100	100	--	--	--	--	200
12.	Conducting Survey to open NFE centres	500	--	--	--	--	--	--	500
13.	Honorarium to Instructors, Supervisors, Reading Materials and Training for NFE Centres	--	500	500	--	--	--	--	1000

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

IMPORTING RETENTION AND ACHIEVEMENTS

PHYSICAL TARGET

Sr. No.	Name of The Components	I	II	III	IV	V	VI	VII	Total
1.	Cultural and talent Activities at BRCs, CRCs and District level	237	237	237	237	237	237	237	237
2.	School maping and Focussed group Discussion	320	--	--	--	--	--	--	--
3.	Sports and Games Equipments (Schools I to IV T 12000)	1800	3040	3040	3040	3040	3040	3040	3040
4.	For Teaching Learning Materials	Sch. 3040	3200	3040	3040	3040	3040	3040	3040
5.	Coaching class for weaker Students	50,000	40,000	40,000	40,000	40,000	40,000	40,000	--
6.	Prize and Awards for Retention (No. of Schools)	--	110	110	110	110	110	110	110
7.	Special Scheme for CM's adopted Villages (No. of Villages)	2	26	26	26	26	26	26	26

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

APPENDIX - C. CAPACITY BUILDING

unit? (Lakh)

FINANCIAL TARGET

Sr. No.	Name of The Components	I	II	III	IV	V	VI	VII	Total
1.	R. Training cost for BRCs Educators.	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.861
2.	R. Training to Supervisor (AEIS) at DIET	0.174	0.174	0.174	0.174	0.174	0.174	0.174	1.218
3.	R. Training to Head Masters & Teachers at BRCs	12.552	12.552	12.552	12.552	--	--	--	50.208
4.	R. Workshop for VEC members at CRCs	4.40	4.40	4.40	4.40	--	--	--	17.60
5.	Inservice Training & Group Discussion of Teachers of Different Subjects, Methodology at CRCs	4.40	4.40	4.40	4.40	--	--	--	17.60
6.	Social Awareness for VEC	1903	1903	1903	1903	1903	1903	1903	133.21
7.	Honorarium to Resource Persons at CRCs	4.40	4.40	4.40	4.40	--	--	--	17.60
8.	Operation of CRCs	4.40	4.40	4.40	4.40	--	--	--	17.60
9.	Maintenance of Equipments, Buildings & Other Items	1.10	1.10	1.10	1.10	--	--	--	4.40
10.	N. Management Office	10.094	12.58	12.58	12.58	12.58	12.58	12.62	85.614
11.	Non recoring BRCs	26.3031	15.4611	15.4611	15.4611	15.4611	15.4611	15.4614	119.07
								46498100	

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

APENDIX-A. IMPROVING ACCESS

FINANCIAL TARGET

Sr. No.	Name of The Components	I	II	III	IV	V	VI	VII	Total
1.	Constructions of 2 class rooms unit.	Nil	48.00	120.00	160.00	72.00	--	--	400.00
2.	Additional rooms 100, Two class room unit	Nil	24.00	60.00	80.00	36.00	--	--	200.00
3.	Construction of BRCs buildings 1 for GODHRA BRC cum DEEP Office Rs.5 Lakh and other 15 BRCs.	5.00	15.00	15.00	15.00	--	--	--	50.00
4.	Teachers Quarters 100	Nil	25.20	63.00	84.00	37.80	--	--	210.00
5.	Electrification for 500 Schools	Nil	1.20	3.00	4.00	1.80	--	--	10.00
6.	For Drinking Water Facilities	Nil	18.00	45.00	60.00	27.00	--	--	150.00
7.	School Major Repairs	Nil	22.00	48.00	--	--	--	--	70.00
8.	Opening of New Schools Appointment of Teachers	Nil	64.80	129.60	122.40	115.20	93.60	93.60	619.20
9.	Furniture and Equipments office	Nil	10.00	10.00	--	--	--	--	20.00
10.	Furniture and Equipment BRSc & CRCs	0.98	11.30	11.30	11.235	--	--	--	34,82,200
11.	Teaching Learning Materials	Nil	5.00	5.00	--	--	--	--	10.00.000
12.	Conducting Survey to open NFE centres	5.00	Nil	Nil	Nil	Nil	Nil	Nil	5.00.000
13.	Honorarium to Instructors, Supervisors, Reading Materials and Training for NFE Centres	Nil	20.665	19.75	Nil	Nil	Nil	Nil;	40,41.500
Total		10.987	265.16	529.65	536.63	289.80	93.60	93.60	18,19,43,700

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

IMPROVING RETENTION AND ACHIEVEMENTS

FINANCIAL TARGET

Sr. No.	Name of The Components	I	II	III	IV	V	VI	VII	Total
1.	Cultural and talent Activities at BRCs, CRCs and District level	13.10	13.10	13.10	13.10	13.10	13.10	13.10	91.70
2.	School maping and Focussed group Discussion	0.789	28.545	28.545	28.545	28.545	28.545	Nil	143.514
3.	Sports and Games Equipments	9.00	16.00	7.32	7.32	7.32	7.32	7.32	61.60
4.	For Teaching Learning Materials	60.00	120.80	120.80	120.80	120.80	120.80	120.80	784.80
5.	Coaching class for weaker Students	100.00	80.00	80.00	80.00	80.00	60.00	60.00	540.00
6.	Prize and Awards for Retention	Nil	1.10	1.10	1.10	1.10	1.10	1.10	6.60
7.	Special Scheme for CM's adopted Villages (No. of Villages)	0.34	3.96	3.96	3.96	3.96	3.96	3.96	24.12
Total									1652.34040

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

PHYSICAL TARGET FOR THE PROJECT

APPENDIX - C.

Sr. No.	Name of The Components	I	II	III	IV	V	VI	VII	Total
1.	Training cost for BRSc Educators.	50	50	50	50	50	50	50	350
2.	Training to Supervisor (AEIS) at DIET	70	70	70	70	70	70	70	490
3.	Training to Head Masters & Teachers at BRCs	4000	4000	4000	4000	--	--	--	16000
4.	Workshop for VEC members at CRCs	11000	11000	11000	11000	--	--	--	44000
5.	Inservice Training & Group Discussion of Teachers of Different Subjects, Methodology at CRCs	11000	11000	11000	11000	--	--	--	44000
6.	Social Awarness for VEC	1903	1903	1903	1903	1903	1903	1903	1903
7.	Honorarium to Resource Persons at CRCs	11000	11000	11000	11000	--	--	--	44000
8.	Operation of CRCs	220	220	220	220	--	--	--	220
9.	Maintenance of Equipments, Buildings & Other Items	220	220	220	220	--	--	--	220
10.	N. Management Office	--	--	--	--	--	--	--	--
11.	N. Management BRCs	--	--	--	--	--	--	--	--

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

APENDIX-A. IMPROVING ACCESS

PHYSICAL/FINANCIAL TARGET

WORK PLAN FOR 1996-97

Sr. No.	Name of The Components	Unit Cost Item wise	Physical Target for Project Period	Cost for Project period	Physical Target for 96-97	Cost for 96-97
1.	Constructions of 2 class rooms unit.	2.00	200	400.00	Nil	Nil
2.	Additional rooms 100, Two class room unit	2.00	100	200.00	Nil	Nil
3.	Construction of BRCs buildings 1 for GODHRA BRC cum DEEP Office Rs.5 Lakh and other 15 BRCs.	5.00 3.00	1+16=16	50.00	1	5.00
4.	Teachers Quarters 100	2.10	100	210.00	Nil	Nil
5.	Electrification for 500 Schools	0.02	500	10.00	Nil	Nil
6.	For Drinking Water Facilities	0.3	500	150.00	Nil	Nil
7.	School Major Repairs		388	70.00	Nil	Nil
8.	Opening of New Schools Appointment of Teachers	3000/0	400	619.20	Nil	Nil
9.	Furniture and Equipments	10,000/-	200	20.00	Nil	Nil
10.	Furniture and Equipment BRSc & CRCs		16	34.882	1	0.987
11.	Teaching Learning Materials	5000/-	200	10.00	Nil	Nil
12.	Conducting Survey to open NFE centres	1000/-	500	5.00	5.00	5.00
13.	Honorarium to Instructors, Supervisors, Reading Materials and Training for NFE Centres	300/- 400/-, 025/-	1000	40.415	Nil	Nil
Total		-	-	1819.437	-	10,987

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

IMPROVING RETENTION AND ACHIEVEMENT

Sr. No.	Name of The Components	Unit Cost Item wise	Physical Target for Project Period	Cost for Project period	Physical Target for 96-97	Cost for 96-97	Completion month of First Year Activity only
1.	Cultural and talent Activities at BRCs, CRCs and District level	13,10,000/-	237 per year	91.7	237	13.10	
2.	School mapping and Focussed group Discussion	1500/-	1903 villages	143.514	320	0.789	
3.	Sports and Games Equipments	School I to V Schools I to VII 500/- 1000/-	per year 1800 Schools	61.60	1800	9.000	
4.	For Teaching Learning Materials	500/- per teacher 2000/- per School	T. 12,000/- School 3040	78.48	12,000	60.00	
5.	Coaching class for weaker Students	200/-	2,70,00	540.00	50,000	100.00	
6.	Prize and Awards for Retention	per year 11 School 1000/- per School	110 per year	6.60	Nil	Nil	
7.	Special Scheme for CM's adopted Villages (No. of Villages)	340/- per Student	1166 Stu. per year	24.1264	100	0.34	
Total		-	-	1652.34040		182.44	

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

CAPACITY BUILDING

Sr. No.	Name of The Components	Unit Cost Item wise	Physical Target for Project Period	Cost for Project period	Physical Target for 96-97	Cost for 96-97	Completion month of First Year Activity only
1.	Training cost for BRSc Educators.	246	350	0.861	50	0.123	
2.	Training to Supervisor (AEIS) at DIET	290	490	1.218	70	0.174	
3.	Training to Head Masters & Teachers at BRCs	2121	16000	50.208	4000	12.552	
4.	Workshop for VEC members at CRCs	40	44000	17.6	11000	4.40	
5.	Inservice Training & Group Discussion of Teachers of Different Subjects, Methodology at CRCs	40	44000	17.6	11000	4.40	
6.	Social Awarness for VEC	1000	1903	133.21	1903	1903	
7.	Honorarium to Resource Persons at CRCs	50	44000	17.6	11000	4.40	
8.	Operation of CRCs	2000	20	17.6	2.20	4.40	
9.	Maintenance of Equipments, Buildings & Other Items	-	2.20	4.40	2.20	1.10	
10.	Management Office	-	1	85.614	1	10.094	
11.	Management BRCs	-	2	119.07	1	-	

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

APENDIX-A. IMPROVING ACCESS

NON-RECURRING - RECURRING EXP.

Sr. No.	Name of The Components	Non Recurring		Recurring		Total	
		I Year	Total Project Period	I Year	Total Project Period	I Year	Total Project Period
1.	Constructions of 2 class rooms unit.	Nil	400.00	Nil	--	Nil	400.00
2.	Additional rooms 100, Two class room unit	Nil	200.00	Nil	--	Nil	200.00
3.	Construction of BRCs buildings 1 for GODHRA BRC cum DEEP Office Rs.5 Lakh and other 15 BRCs.	5.0	50.00	--	--	5.00	50.00
4.	Teachers Quarters 100	Nil	210.00	--	--	Nil	210.00
5.	Electrification for 500 Schools	Nil	10.00	--	--	Nil	10.00
6.	For Drinking Water Facilities	Nil	150.00	--	--	Nil	150.00
7.	School Major Repairs	Nil	70.00	--	--	Nil	70.00
8.	Opening of New Schools Salary of New Teachers	--	--	Nil	619.20	Nil	619.20
9.	Furniture and Equipments	Nil	20.00	--	--	Nil	20.00
10.	Furniture and Equipment BRSc & CRCs	0.987	34.822	--	--	0.987	34.822
11.	Teaching Learning Materials	--	--	Nil	10.00	Nil	10.00
12.	Conducting Survey to open NFE centres	5.00	5.00	--	--	5.00	05.00
13.	Honorarium to Instructors, Supervisors, Reading Materials and Training for NFE Centres	--	--	Nil	40.415	Nil	40.415
Total		10.987	1149.822	Nil	669.615	10.987	1819.437

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

IMPROVING RETENTION AND ACHIEVEMENT

Sr. No.	Name of The Components	Non Recurring		Recurring		Total	
		I Year	Total Project Period	I Year	Total Project Period	I Year	Total Project Period
1.	Cultural and talent Activities at BRCs, CRCs and District level	--	--	13.10	91.70	13.10	91.70
2.	School maping and Focussed group Discussion	0.789	0.789	Nil	142.72	0.78	143.514
3.	Sports and Games Equipments	--	--	9.00	61.60	9.00	61.60
4.	For Teaching Learning Materials	--	--	60.00	784.80	60.00	784.80
5.	Coaching class for weaker Students	--	--	100.00	540.00	100.00	540.00
6.	Prize and Awards for Retention	--	---	Nil	6.60	Nil	6.60
7.	Special Scheme for CM's adopted Villages (No. of Villages)	---	--	0.34	24.1264	0.34	24.1264
Total		0.789	0.789	182.44	1651.55140	183.229	1652.34040

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

CAPACITY BUILDING

Sr. No.	Name of The Components	Non Recurring		Recurring		Total	
		I Year	Total Project Period	I Year	Total Project Period	I Year	Total Project Period
1.	Training cost for BRSc Educators.	-	-	0.123	0.861	0.123	0.861
2.	Training to Supervisor (AEIS) at DIET	-	-	0.174	1.218	0.174	1.218
3.	Training to Head Masters & Teachers at BRCs	-	-	12.552	50.208	12.552	50.208
4.	Workshop for VEC members at CRCs	-	-	4.400	17.6	4.40	17.600
5.	Inservice Training & Group Discussion of Teachers of Different Subjects, Methodology at CRCs	-	-	4.400	17.6	4.40	17.600
6.	Social Awareness for VEC	-	-	19.030	133.21	19.03	133.210
7.	Honorarium to Resource Persons at CRCs.	-	-	4.400	17.6	4.40	17.600
8.	Operation of CRCs	-	-	4.400	17.6	4.40	17.600
9.	Maintenance of Equipments, Buildings & Other Items	-	-	1.100	4.4	1.10	4.400
10.	Management Office	3.774	19.774	6.320	65.84	10.094	85.614
11.	Management BRCs	-	-	2.720	119.07	2.72	119.070
Total		3.774	19.774	59.619	423.537	63.393	443.311

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

WORK PLAN FOR 1996-1997

Sr. No.	Name of The Components	Non Recurring I Year	Recurring I Year	Total I Year
1.	Constructions of 2 class rooms unit	Nil	Nil	Nil
2.	Additional rooms 100, Two class room unit	Nil	Nil	Nil
3.	Construction of BRCs buildings 1 for GODHRA BRC cum DEEP Office Rs.5 Lakh and other 15 BRCs.	5,00,000/-	--	5,00,000/-
4.	Teachers Quarters 100	Nil	Nil	Nil
5.	Electrification for 500 Schools	Nil	Nil	Nil
6.	For Drinking Water Facilities	Nil	Nil	Nil
7.	School Major Repairs	Nil	Nil	Nil
8.	Opening of New Schools	Nil	Nil	Nil
9.	Furniture and Equipments	Nil	Nil	Nil
10.	Furniture and Equipment BRSc & CRCs	98,700/-	--	98,700/-
11.	Teaching Learning Materials	Nil	Nil	--
12.	Conducting Survey to open NFE centres	5,00,000/-	Nil	5,00,000/-
13.	Honorarium to Instructors, Supervisors, Reading Materials and Training for NFE Centres	Nil	Nil	Nil
Total		10,98,700/-	--	10,98,700/-

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

IMPROVING RETENTION AND ACHIEVEMENT

WORK PLAN FOR 1996-1997

Sr. No.	Name of The Components	Non Recurring I Year	Recurring I Year	Total I Year
1.	Cultural and talent Activities at BRCs, CRCs and District level	---	13.10	13.100
2.	School maping and Focussed group Discussion	0.789	Nil	0.789
3.	Sports and Games Equipments	---	9.00	9.000
4.	For Teaching Learning Materials	---	60.00	60.00
5.	Coaching class for weaker Students	---	100.00	10.00
6.	Prize and Awards for Retention	---	Nil	Nil
7.	Special Scheme for CM's adopted Villages (No. of Villages)	---	0.34	0.34
Total		0.789	182.440	183.229

DISTRICT PRI. EDU. PROGRAMME PANCHMAHAL.

CAPACITY BUILDING

WORK PLAN FOR 1996-1997

Sr. No.	Name of The Components	Non Recurring I Year	Recurring I Year	Total I Year
1.	Training cost for BRSc Educators.	Nil	0.123	0.123
2.	Training to Supervisor (AEIS) at DIET	Nil	0.174	0.174
3.	Training to Head Masters & Teachers at BRCs	Nil	12.552	12.552
4.	Workshop for VEC members at CRCs	Nil	4.400	4.400
5.	Inservice Training & Group Discussion of Teachers of Different Subjects, Methodology at CRCs	Nil	4.400	4.00
6.	Social Awarness for VEC	Nil	19.03	19.03
7.	Honorarium to Resource Persons at CRCs	Nil	4.40	4.40
8.	Operation of CRCs	Nil	4.40	4.40
9.	Maintenance of Equipments, Buildings & Other Items	Nil	1.10	1.10
10.	Management Office	3.774	6.320	10.094
11.	Management BRCs	Nil	-	-
Total		3.774	59.619	63.393

ESTIMATE OF B.R.C.

HALL AT..

COST RS. 501,390/-

ESTIMATE

Division :- Panchmahals Panchayat R&B Division No.1 Godhra.

Fund Head:-

Major Head:-

Minor Head:-

Service Head:-

Departmental Head:-

Estimate framed in the office of the Executive

Engineer Panchmahals Panchayat R&B Dn. No.1 Godhra probable expenses

that will be incurred in construction of B.R.C. Hall at village

_____ Taluka _____ Dist. Panchmahals.

Rs. 5,01,390/-

Administratively approved under

NO. Dated

Technically sanctioned under

Dated

Estimated prepared by shri N.M.Joshi A.E.

and checked by shri P.P. Deshpande

(call or authority). As per district education officer Godhra

letter No.

Dt.

Name of work:- constructing B.S.C. Hall at village _____

Taluka Godhra.

Dist. Panchmahals.

ABSTRACT

Qty/Unit 1 2	Item 3	Rate 4	per 5	Amount 6
45.07cum ✓	<u>Item No.1</u> Excavation for foundation upto 1.5m depth i/c shorting out and stacking of useful materials & disposing of the excavated stuff upto 50m lead loose or soft soil (P.NO. 35 / I No.1.00 (a).	12.25	cum	552=10
34.56cum ✓	<u>Item No.2</u> Excavation for foundation for depth for 1.5m to 3.00m depth i/c sorting out & stacking out of useful materials disposing of the excavated material upto 50mtres dence hard soil (P.No.35 / I No.2.0.0(b).	17.60	cum	608=26
43.00cum	<u>Item No.3</u> Providing & laying C.C. 1:5:10 (1cement :5 coarse sand: 10 hand broken brick aggregate 40mm nominal size) & curring complete excluding cost of form work in foundation & plinth (P.No.39 I 6.5.3.4. (a).	549.00	cum	23607=00
34.28cum	<u>Item No.4</u> Brick work using burnt clay building bricks having crushing strength not less than 35kg/sqcm in foundation & plinth in cement mortar. (P.49 I No.2.6.13. b).	588.00	cum	20156=64
140.79cum	<u>Item No.5</u> Filling available excavated earth (excluding rock) in brenches plinth side of foundation etc.in layers not exceeding 20cm in depth consolidation each deposited layers by ramming & watering. (P.36 I No.7.4.24).	7.25	cum	1020=73
71.43cum	<u>Item No.6</u> Brick work using common burnt clay building brick having crushing strength not less than 35kg/cm2 in super structure above plinth level upto floor two level.	609.60	cum	43543=73

1. 2. 3 4 5 6

23.80 sqm Item No. 7A
 35mm thick shutters for door windows & clerstorey windows i/c I.T. Wood framews 10x7cm size i/c black enamelled iron oxidised fixtures & fastening i/c primer coat of approved quality & two coats of oil paint etc. comp. fully panelled 1311.00 sqm 31201=80
 (P.66/ 31.0.0.2).

4.20 Sqmt Item No. 7B
 35mm thick shutters for door windows & clerstorey windows i/c I.T. Wood frames 12x7cm size i/c black enamelled iron oxidised fixtures & fastening i/c primer coat of approved quality & two coats of oil paint etc. comp. fully panelled. 1369.00 " 5749=80
 (P.No.6 I No.73.0.0.2).

0.15 cum Item No. 8
 Providing and laying ordinary cement concrete 1;2;4 (lcement :2 coarse sand :4 graded stone aggregate 20mm nominal size) for RCC lintel including finishing smooth with curing etc. complete including the cost of form work but excluding the cost of reinforcement a. for lintel 1497.00 cum 224=55
 (P.No.45 / 30.0.0.a).

.07cum Item No. 9
 Providing and laying ordinary cement concrete 1;2;4 (lcement :2 coarse sand :4 graded stone aggregate 20mm nominal size) & finishing smooth with curing etc. complete including the cost of form work but excluding the cost of reinforcement for RCC work in beam having cross section area more than 0.05sqm & upto 0.08 sqm. 1656.00 cum 3427=92
 P.No.45 I No.31.0.0.a(1).

.79cum Item No. 9b
 -do- 1441.00 cum 22753=39
 (P.46 -31.0.0(a) (3).

00cum Item No. 9c
 for colum 1698.00 cum 27±68=00
 (P.No.46 I No.31.00.(b) 2

Item No. 10

P & L ordinary cement concrete
 1:2:4 (cement :2 coarse sand
 :4 graded stone 20mm nominal
 size i/c finishing smooth with
 curing etc. complete i/c cost
 of form work but excluding cost
 of reinforcement.

4.75 cum	2). slab having more 8cm upto 10cm thickness. (P.No.43 I No.26.00.2).	1564.00 cum	7429=00
30.00cum	3). Slab having more than 10cm & to 15cm (P.44 26.00. (4).	1408.00 cum	42440=00

0.84cum Item No. 11

Providing and laying cement concrete
 1;2;4 (cement :2 coarse sand: 4
 graded stone aggregate 20mm nominal
 size) for reinforced concrete,
 chajjas not excluding 10cm thickness
 upto floor two level including
 finishing the exposure surface with
 cm 1:3 (cement :3 fine sand) to
 give a smooth & even surface center-
 ing & form work & curing complete
 but excluding the cost of reinforc-
 ement.

1690.00 cum 1419=00

(P.No.40- I No.12 5.4.4).

1875x80

1575.55kg Item No. 12 a.

Providing mild steel reinforcement
 for RCC work including bending &
 packing in position complete upto
 floor two level.

11.90 kg 18749=04

(P.No.40 I No.13.5.4.10)

4726.65kg. Item No. 12 b

-do- S.D. Bar

12.95 kg 61210=11

(P.No.41 -14 5.4.11

27.00 sqm Item No. 13

Cement concrete floor 1;2;4 (lce-
 ment :2 coarse sand :4 graded
 stone aggregate 20mm nominal size)
 laid in one layers finishing with
 a floating coat of neat cement
 40mm thick.

69.00 sqm 1863=00

(.No.81 I No.15.14.71 (B).

1.	2.	3	4	5	6
767.31	sqm	<u>Item No. 14</u> 15mm thick C.P. single coat in fair side of brick concrete wall for interior plastering upto floor two level finish even & smooth in cm 1:4 & finishing with a floating coat of neat cement (P.NO.88 + 89 - 2.17.60 II+4.17.69).	35.25	sqm	27047=67
928.56	sqm	<u>Item No. 15</u> White washing with lime on undercoated wall surface (two coat) to give an even shade i/c thoroughly brooming the surface to remove all dirt dust mortar drops & other foreign matter. (P.No.91 I No.1.18.11).	1.15	sqm	1067=84
1 No.		<u>Item No. 16</u> P & F water closet squatting pan Indian type 580mm (earth work bed concrete excluding) i/c foot rest & trap (P.No.112 .I.No.9.23.111 A (i) + 11.23.113+ 12.23.114).	394.00	No	394=00
1 No.		<u>Item No. 17</u> P & F wash basin with single hole for pillar trap with C.I. brackets painted white i/c cutting holes & making good the same flat back 550 x 400m (P.No.114 I No.18.23. 127 I.No.1).	400.00	"	400=00
1 No.		<u>Item No. 18</u> P & F M.I. fisher unior wash basin or sink 40mm dia	40.00	NO	40=0
4 Nos.		<u>Item No. 19</u> P & F Urinal of app. quality connecting the urinal with waste pipe trap etc. complete (A). white pattern flat back corner size 430x260 x 350 m. (P.No.117 33.23. 122 (A).	312.00	"	1248=00
8.31	scm	<u>Item No. 20</u> Upto floor two level precast cement conc. jali or grill 1:2:4 mix (lcement :2 coarse sand :4 graded stone agg. 6mm size with 1.6mm dia mild steel wire i/c finishing in cement mortar 40mm thick (P.NO.41 I No.19.5.6.2. (b).	115.00	sqm	955=65

1.	2.	3	4	5	6
----	----	---	---	---	---

20 mtr.

Item No. 21

P & F to wall ceiling & floor g
galvanised m.s. tubes of the 15mm
dia fittings clamps i/c making
good the wall ceiling & floor
(P.No.110 I No.1.23.2.(A).

36.00 Rmt 720=00

19.40Rmt

Item No. 22

Providing & fixing on wall face
asbestose cement rain water pipe
including jointing with spun
yari socked in bitumen & cement
1:2 cement :2 coarse sand).
complate 100mm dia.
(P No.85 I No.15.15.93 (c).

28.00 Rmt 543=20

248.40kg

Item No. 23

P & F M.S.grills of required
pattern to wooden frames of
windows etc. with M.S.flats
at required spacing & frame
around square or round bars
with round headed bolts &
nuts or screas
(P.No.64 I No.25.10.100).

18.00 kg 4417=20
11171=20

163.52 sqm

Item No. 24

P & F kota stone slab flooring
over 20mm of thick base of cement
mortar 1:6 laid over & jointed
with grey cement slurry i/c
rubbing & polishing comp. thick
30mm
(P.No.81 / I No.12.14.45 (A).

256.00 sqm 41861=12

Total Rs. 3,94,485=35

Add 5% contingencies
charges.

17,474=27

4,14,209=62

Add 2% W.C.Estt charges

8,284=19

Rs. 4,22,493=81

Add 10% Electrification
charges

39,448=00

Add 10% External water
supply & sanitation
charges.

39,448=00

Total Rs. 5,01,389=81

Say Rs. 5,01,390/-

Deputy Executive Engineer,
Panchayat R&D sub Division No.1
Godhra.

Name of work:- Constructing B.R.C. Hall at village _____

Taluka _____ Dist. Panchmahals

MEASUREMENT SHEET

Item No.1

Excavation for foundation upto 1.5m depth i/c shorting ogt and stacking of useful materials & disposing of the excavated stuff upto 50mt lead loose or soft soil.

A. Up to 1.5 mtr.

Between pillar	2 x 6 x 2.13 x 0.60 x 1.05	=16.10
	2 x 2.30 x 0.60 x 1.05	= 2.90
	1 x 2.25 x 0.60 x 1.05	=1.42
for walls	3 x 9.03 x 0.60 x 1.05	=12.07
	1 x 10.83 x 0.60 x 1.05	=6.82
Ver walls	4 x 1.13 x 0.60 x 1.05	=2.84
Stare	2 x 2.13 x 0.60 x 1.05	=2.68
step Ent.	1 x 2.13 x 0.85 x 0.10	=0.18
step	2 x 1.00 x 0.30 x 0.10	=0.06

		=45.07cum

Item No.2:-

Excavation for foundation for depth for 1.5m to 3.00m depth i/c sbirting out & stacking of useful materials disposing of the excavated material upto 50 mtres dence hard soil.

upto 3.00mt height pillar

$$16 \times 1.20 \times 0.60 \times 3.00 = 34.56\text{cum.}$$

Item No.3:-

Providing & laying C.C. 1:5:10 (lcement :5 coarse sand : 10 hand broken brick aggregate 40mm nominal size) & curring complete excluding cost of form work in foundation & plinth.

pillar	16 x 1.20 x 0.60 x 0.60	=6.91
wall	2 x 6 x 2.13 x 0.60 x 0.30	=4.60
	2 x 2.30 x 0.60 x 0.30	=0.83
	2.25 x 0.60 x 0.30	=0.41
Hor walls	3 x 9.03 x 0.60 x 0.30	=4.88
	1 x 10.83 x 0.60 x 0.30	=1.94
Ver	3 x 1.13 x 0.60 x 0.30	=0.61
stare	2 x 2.13 x 0.60 x 1.05	=2.68

Item No.3 continue...

water room	1 x 1.50 x 2.50 x 0.10	=0.37
w.c. store	1 x 1.50 x 3.50 x 0.10	=0.82
	1 x 1.50 x 2.00 x 0.10	=0.30

		=43.00cmt.

Item No.4:-

Brick work using burnt clay building bricks having crushing strength not less than 35kg/sqcm in foundation & plinth incement mortar

upto plinth

Between pillar	12 x 2.50 x 0.35 x 0.45	=4.72
	2 x 3.05 x 0.35 x 0.45	=0.96
	1 x 3.00 x 0.35 x 0.45	=0.47
Hall	3 x 10.00 x 0.35 x 0.45	=4.72
back ver.	4 x 1.28 x 0.35 x 0.45	=0.80
" Hor.	1 x 10.35 x 0.35 x 0.45	=0.05
stage ver	1 x 2.50 x 0.35 x 0.45	=0.39
Bed pillar	12 x 2.50 x 0.23 x 1.05	=7.24
	2 x 3.05 x 0.23 x 1.05	=1.47
	1 x 3.00 x 0.23 x 1.05	=0.72
Hall	3 x 10.00 x 0.23 x 1.05	=7.25
Back ver.	4 x 1.50 x 0.23 x 1.05	=1.44
" Hor.	1 x 10.25 x 0.23 x 1.05	=2.48
stage ver.	1 x 2.50 x 0.23 x 1.05	=0.60
step(ent)	1 x 2.50 x 0.50 x 0.25	=0.31
	1 x 2.50 x 0.25 x 0.23	=0.14
stop stage	2 x 0.90 x 0.50 x 0.25	=0.23
	2 x 2.50 x 0.25 x 0.25	=0.31

		=34.28cmt.

Item No.5:-

Filling available excavated earth (excluding rock) in trenches plinth side of foundation etc. in layers not exceeding 20cm in depth consolidation each deposited layers by ramming & watering.

Ver.	1 x 10.00 x 2.50 x 0.05	=16.25
Hall	1 x 10.00 x 15.15 x 0.65	=104.97
Back side	1 x 1.50 x 2.50 x 0.65	=2.43
	1 x 1.50 x 5.50 x 0.65	=5.36
	1 x 1.50 x 2.00 x 0.65	=1.95
stage	1 x 6.05 x 2.50 x 0.65	=9.83

ItemNo.6:-

Brick work using common burnt clay building brick having crushing strength not less than 35kg/cm² in super structure above plinth level upto floor two level.

Bet.pillar	12 x 2.50 x 0.23 x 4.25	=29.32
Backside (ver).	4 x 1.50 x 0.23 x 3.05	=4.20
" Hor.	1 x 10.23 x 0.23 x 3.05	=7.17
Hall Hor.	2 x 10.00 x 0.23 x 4.25	=19.55
Parapet with cabin	2 x 18.34 x 0.23 x 0.90	=7.59
	3 x 10.00 x 0.23 x 0.90	=6.21
	1 x 2.50 x 0.23 x 2.10	=1.20
	1 x 4.50 x 0.23 x 2.10	=2.17
	1 x 4.50 x 0.23 x 1.20	=1.24
	1 x 2.50 x 0.23 x 1.20	=0.69
step	16 x 1.20 x .20 x 0.25 x $\frac{1}{2}$	=0.50
star case parapet	7 x 10.25 x .115 x 0.90	=1.06

		=80.96cumt.-- (A)

Deduction

door D2	1 x 2.00 x 0.23 x 2.10	=0.96
D	3 x 0.90 x 0.23 x 2.10	=1.30
D1	1 x 0.75 x 0.23 x 2.10	=0.36
W	10 x 1.20 x 0.23 x 1.20	=3.31
W1	2 x 0.90 x 0.23 x 1.20	=0.49
Rs	5 x 0.45 x 0.23 x 0.45	=0.23
RS	1 x 2.50 x 0.23 x 0.25 3.00	=1.72
BeamGate	1 x 2.30 x 0.23 x 0.25	=0.13
window	1 x 18.34 x 0.23 x 0.23	=0.97

		=9.47.. (B)

Net qty of Brick work A - B = 80.90 - 9.47 = 71.43cum..

Item No.7A

35mm thick shutters for door windows & clerestorey windows i/c I.T. wood frames 10x7cm size i/c black enamelled iron oxidised fixtures & fastening i/c primer coat of approved quality & two coats of oil paint etc.comp. fully panelled.

D	3 x 0.90 x 2.10	=5.67
D1	1 x 0.75 x 2.10	=1.57
W	10 x 1.20 x 1.20	=14.40

Item No.7B

-do- 12 x 7 cm frame-----

$$D2 \quad 1 \times 2.00 \times 2.10 = 4.20 \text{ sqmt.}$$

Item No.8:-

Providing and laying ordinary cement concrete 1;2;4 (cement :2 coarse sand :4 graded stone aggregate 20mm nominal size) for RCC lintel including finishing smooth with curing etc. complete including the cost of form work but excluding the cost of reinforcement a. for lintel.

$$\begin{array}{l} D1 \quad 1 \times 0.90 \times 0.23 \times 0.15 \quad =0.03 \\ D \quad 3 \times 1.20 \times 0.23 \times 0.15 \quad =0.12 \\ \hline \quad \quad \quad \quad \quad \quad \quad =0.15 \text{ cumt} \end{array}$$

Item No.9

Providing and laying ordinary cement concrete 1;2;4 (cement :2 coarse sand :4 graded stone aggregate 20mm nominal size) & finishing smooth with curing etc. complete including the cost of form work but excluding the cost of reinforcement for RCC work in beam having cross section ~~max~~ area more than 0.05sqm & upto 0.08 sqm.

$$\begin{array}{l} 0.12\text{sqm upto } 0.18 \text{ sqm} \\ 1 \times 2.30 \times 0.23 \times 0.25 \quad =0.13 \\ 2 \times 18.34 \times 0.23 \times 0.23 \quad =1.94 \\ \hline \quad \quad \quad \quad \quad \quad \quad =2.07\text{cum.} \end{array}$$

Item No. 9B -do- 0.12 to upto 0.18

$$\text{main beam} \quad 7 \times 10.90 \times 0.23 \times 0.90 \quad =15.79\text{cum}$$

Item No.9C -do- columns having c/s area more than 0.8 sqmt upto 0.12 sqmt.

$$\begin{array}{l} \text{pillar} \quad 16 \times 0.90 \times 0.45 \times 0.45 \times 2 \quad =5.83 \\ \text{2nd} \quad 16 \times 0.90 + \frac{0.45 \times 0.45}{2} + \frac{0.23 \times 0.45}{2} =1.65 \\ \text{step} \quad 16 \times 0.23 \times 0.45 \times 1.05 \quad =1.73 \\ \text{superstructure} \quad 16 \times 0.23 \times 0.45 \times 4.10 \quad =6.78 \\ \hline \quad \quad \quad \quad \quad \quad \quad =15.99 \end{array}$$

Item No. 10.2

P & L ordinary cement concrete 1;2;4 (cement :2 coarse sand : 4 graded stone 20mm nominal size i/c finishing smooth with curing etc. complete i/c cost of form work but excluding cost of reinforcement.

stair case	2 x 4.00 x 1.20 x 0.10	=0.96
landing	1 x 3.00 x 1.13 x 0.10	=0.33
cabin	1 x 4.50 x 2.96 x 0.10	=1.33
Back side	1 x 1.96 x 10.90 x 0.10	=2.13

		=4.75cum

Item No. 10.3

P & L cement concrete 1:2:4 slab having more than 13cm to 15cm thick

main slab	1 x 19.34 x 10.90 x 0.15	=29.98
		say 30.00cum.

Item No. 11:-

Providing and laying cement concrete 1;2;4 (cement :2 coarse sand:4 graded stone aggregate 20mm nominal size) for reinforced concrete chajjas not excluding 10cm thickness upto floor two level including finishing the exposal surface with cm 1:3 (cement :3 fine sand) to give a smooth & even surface centering & form work & curing complete but excluding the cost of reinforcement.

	2 x 18.34 x 0.23 x 0.10	=0.84cumt
--	-------------------------	-----------

Item No. 12:- a

Providing mild steel reinforcement for RCC work including ben ing & packing in position complete upto floor two level.

Lintel	0.15cumt x 70kg/cmt.	=10.50
Beam	2.07	
	15.79	

	17.86 cum x 110 kg/cumt	=1964.60
column	16.00cumt x 115.00kg/cumt	=1840.00
slab	4.75	
	+ 30.00	

	34.75 cum x 70.00kg/cumt	=2432.50
chajjas	0.84 cmt x 65.00kg/ cumt	=54.00

		=6302.20

A Mild steel 25% 1575.55 kg.

Item No. 12 b. H.D.S.D. Bar.

Item No.13:-

Cement concrete floor 1;2;4 (cement :2 coarse sand :4 graded stone aggregate 20mm nominal size) laid in one layers ~~fin~~ finishing with a floating coat of neat cement 40mm thick.

Back side	1 x 2.50 x 1.50	=3.75
	1 x 5.50 x 1.50	=8.25
	1 x 2.00 x 1.50	=3.00
on tarace	1 x 10.00 x 1.50	=15.00

		=27.00sqmt.

Item No.14:-

15mm thick C.P. single coat in fair side of brick concrete wall for interior plastering upto floor two level finish even & smooth in cml.4 finishing with a floating coat of neat cement.

out side	2 x 10.61 x 5.90	=196.00
Ver	1 x 10.44 x 4.25	=44.31
Back	1 x 10.44 x 2.10	=21.92
Back side	1 x 10.44 x 3.95	=41.24
Vart.	2 x 1.73 x 3.95	=13.67
cabin	1 x 2.96 x 2.10	=6.22
	1 x 4.50 x 2.10	=9.45
	1 x 2.96 x 1.20	=5.48 3.55
	1 x 4.50 x 1.20	=5.40
Pillar corner	14 x 2 x 5.00 x 0.23	=32.20
pillar front	2 x 0.45 x 4.25	=3.82
" side	2 x 4 x 0.25 x 4.25	=7.82
parapet	2 x 13.50 x 0.23 0.90	=24.30 6.21
	2 x 13.50 x 0.25	=24.30
	1 x 10.00 x 0.90	= 9.00
Parapet Back	1 x 10.44 x 0.90	=9.39
	2 x 1.50 x 0.90	=2.70
front	1 x 10.90 x 2.10	=22.89
	1 x 4.50 x 0.90	=4.05
step	2 x 2.50 x 0.20	=1.00
	2 x 2.50 x 0.25	=1.25
stare step	2 x 2 x 0.90 x 0.20	=0.72
	2 x 2 x 0.90 x 0.25	=0.90

Inside plaster

Hall	2 x 13.50 x 4.25	=114.75
	2 x 10.00 x 4.25	=85.00
Water room	8.00 x 3.05	=24.40
WC urinal	14.00 x 3.05	=42.40
stare	7.00 x 3.05	=21.35
parapet of staircase	2 x 10.25 x .90	=18.45
steps	16 x 1.20 x .20	=3.84
	16 x 1.20 x 0.25	=4.80
cabin	2 x 2.50 x 2.10	=10.50
	1 x 4.50 x 2.10	=9.45

		=802.81sqmt..(A).

Ded.

D2	1 x 2.00 x 2.10	=4.20
D	3 x 0.90 x 2.10	=5.67
D1	1 x 0.75 x 2.10	=1.57
W	10 x 1.20 x 1.20	=14.40
W1	2 x 0.90 x 1.20	=2.16
RJ	5 x 0.45 x 0.45	=1.01
RJ	1 x 2.50 x 3.00	=7.50

		=35.50sqm... (B)

Net Qty of plaster

$$A - B = 802.81 - 35.50 = 767.31\text{sqm.}$$

Item No.15:-

White washing with lime on undercoated wall surface (two coat) to give an even shade ifc throughly broomng the surface to remove all dirt dust mortar drops & other foreign matter.

	As per I.No.14	767.31sqmt
cealing	1 x 13.50 x 10.00	=135.00
	1 x 10.00 x 1.50	=15.00
	1 x 2.50 x 4.50	=11.25

		=928.56sqmt.

Item No.16:-

P & F water closet squatting pan Indian type 580mm (earth work Bed concrete excluding) i/c foot rest & trap.

--- 1 No---

Item No.17:-

P & F Wash basin with single hole for pillat trap with C.I. brackets painted white i/c cutting holes & making good the same flat back 550 x 400m

--- 1 No----

Item No.18:-

P & F M.I. Fisher union wash basin or sink 40mm dia.

-- 1 NO----

Item No.19:-

P & F Urinal of app. quality connecting the urinal with waste pipe trap. etc. complete A. white pattern flat back corner size 430x260 x 350m.

--- 4 Nos---

Item No.20:-

Upto floor two level precast cement conc. Jali or grill 1:2:4 mix (1 cement :2 coarse sand :4 graded stone agg. 6mm size with 1.6mm dia mild steel wire i/c finishing in cement mortar 40mm thick.

Urinal	4 x 0.45 x 0.45	=0.81
cabin	1 x 2.5 x 3.00	=7.50

		=8.31 sqmt.

Item No.21:-

P & F to wall ceiling & floor galvanised m.s. tubes of the 15mm dia fittings clamps i/c making good the wall ceiling & floor.

-- 20 mtrs--

Item No.22:-

Provd. & fixing on wall face asbestose cement rail water pipe including jointing with spun yari socketd in bitumen & cement 1;2 (1cement :2 coarse sand). complete 100 mm dia..

4 x 4.85 = 19.40 Rmt.

Item No.23:-

P & F M.S. grills of required pattern to wooden frame of windows etc. with M.S. flats at required spacing & frame around square or round bars with round headed bolts & nuts or screws

W	10 x 1.20 x 1.20	=14.40
W1	2 x 0.90 x 1.20	=2.16

		=16.56

$$16.56 \times 15\text{kg/sqmt} = 248.40\text{kg.}$$

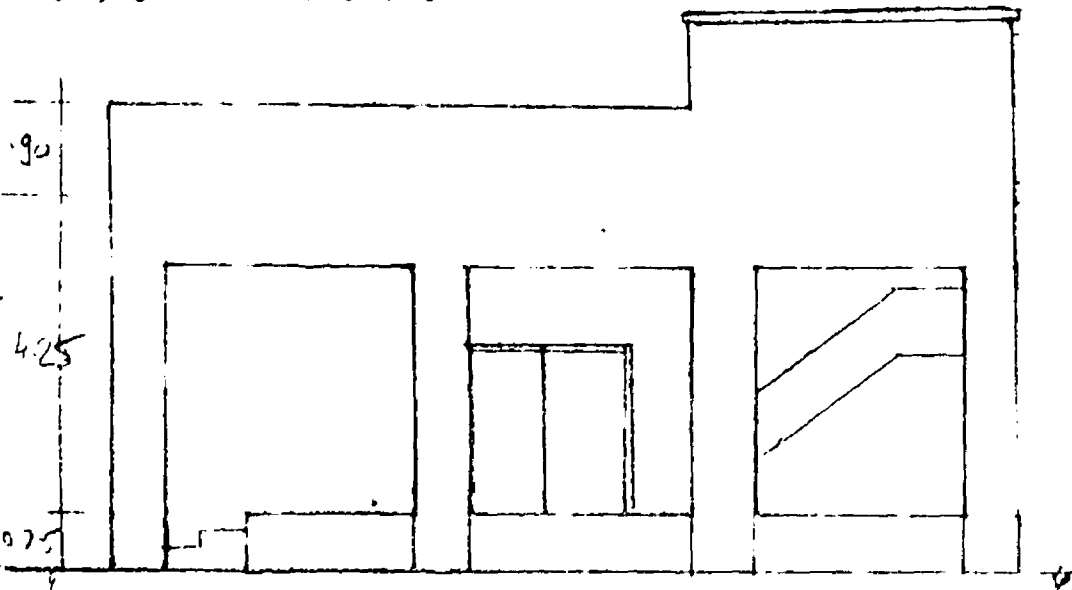
Item No.24:-

P & F kota stone slab flooring over 20mm of thick base of cement mortar 1:6 laid over & jointed with grey cement slurry i/c rubbing & polishing comp. thick 30mm

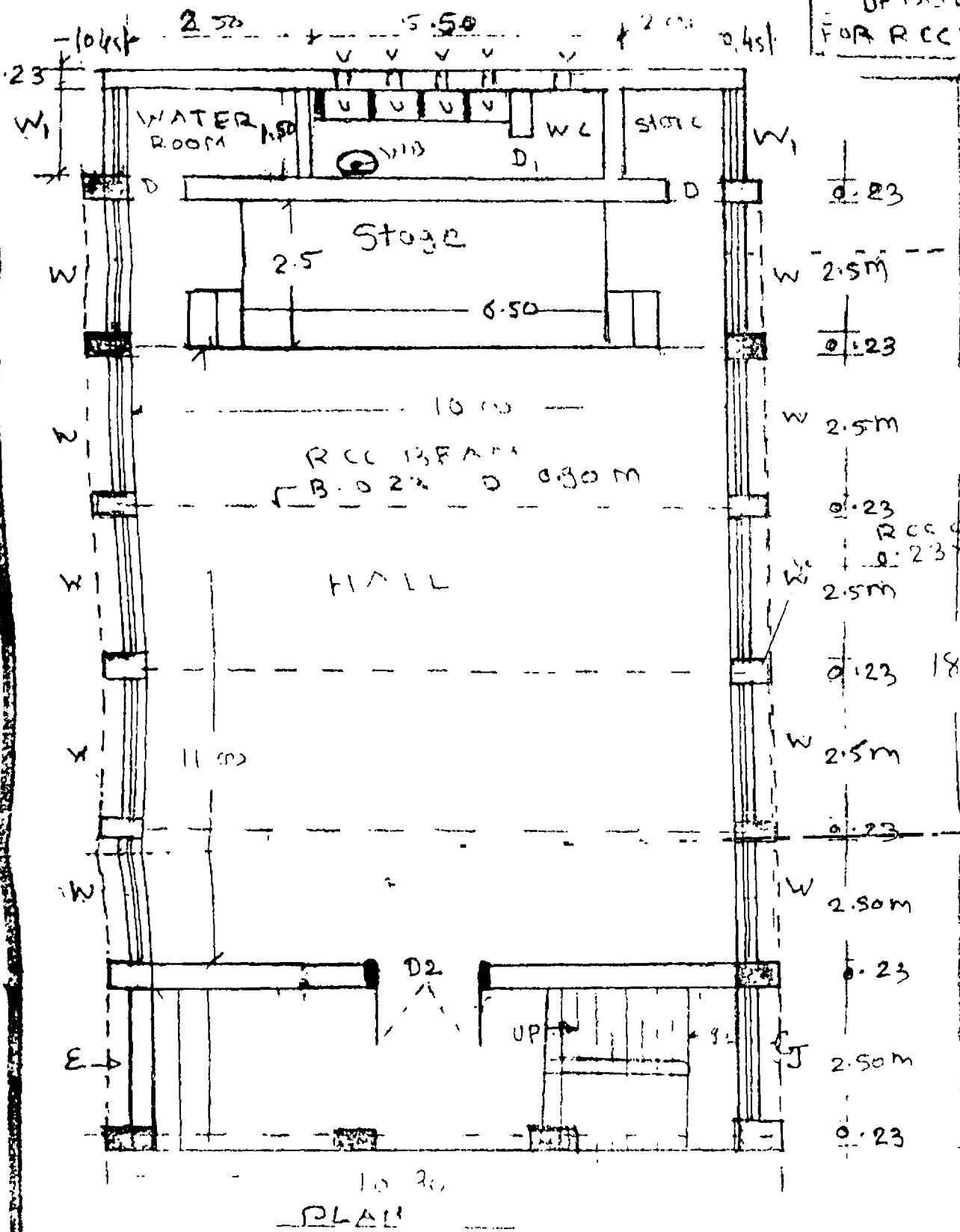
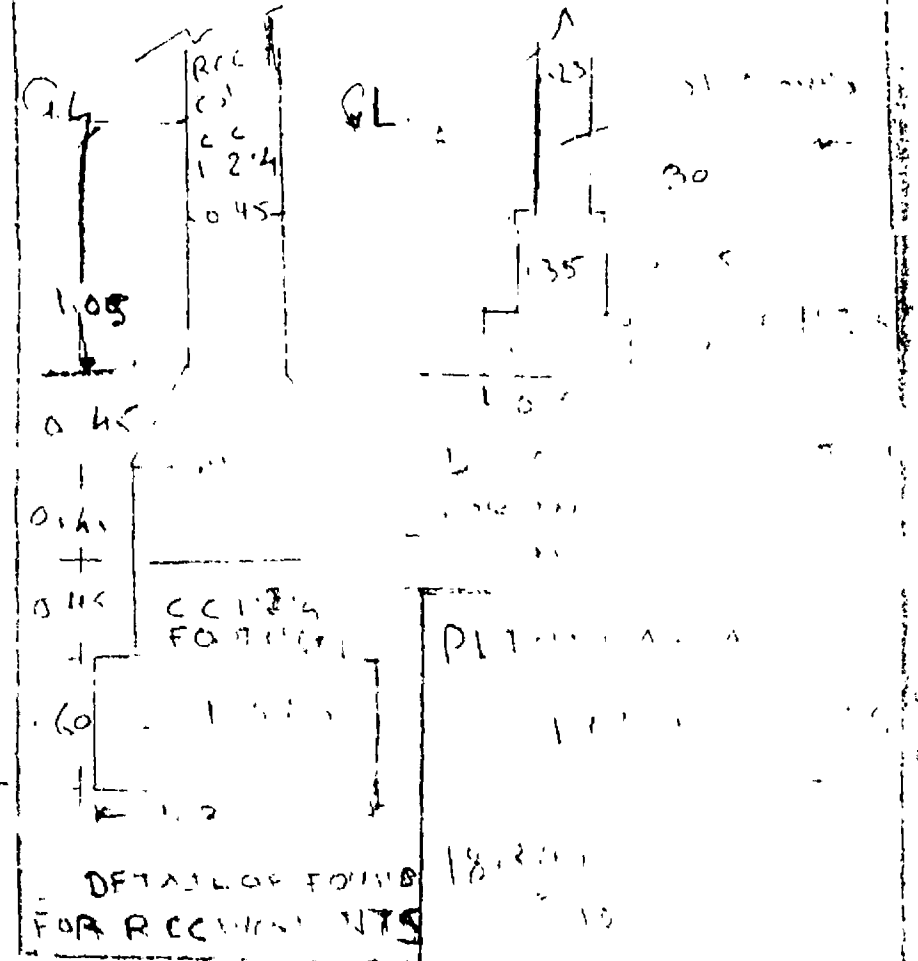
Hall	1 x 13.50 x 10.00	=135.00
Ver.	1 x 10.45 x 2.73	=28.52

		=163.52 sqm

CONST OF B.R.G. HALL TYPE DESIGN PLAN



ELEVATION



PLAN

NO	DETAIL	QTY	UNIT
D2	FULLY PERIMETER	12.00	2.10
D	"	10.30	2.10
D1	"	10.75	2.10
W1	"	12.00	1.20
W1	"	9.00	1.20
PT	RECEIVING	1	5
DETAILS OF RECEIVING NT'S			
1)	RCC BEAM	12.00	16
2)	RCC COLUMN	10.23	16
3)	RCC BEAM	10.23	1
4)	RCC BEAM	10.23	1
5)	RCC BEAM	10.23	2
6)	RCC BEAM	10.23	1

CONST OF B.R.G. HALL [TYPE DESIGN PLAN]

DEPUTY EXECUTIVE ENGR
PANCHAYAT
SUB DIV
GODHRA

EXECUTIVE ENGR
PANCHAYAT
GODHRA

SCALE
1:1

*ESTIMATE OF
B.R.C CENTER AT.
COST RS. 301,501/-*

E S T I M A T E

Division :- P.M.s. Panchayat (R&B) Division No.1.
Godhra.

Sanctioned Estimate No:- _____ of

Fund Head :-

Minor Head:-

Service Head :-

Departmental Head :-

Estimate framed in the office of the Executive Engineer,
P.M.s. Panchayat (R&B) Division No.1. Godhra of the probable expenses
that will be incurred in Constg. A B.R.C. Centre type Design at
village _____ Ta, } _____ Dist. Panchmahals.

Rs. 3,01,501=00

Administrative approved Under :-

No:- _____ Date :-

Technically sanctioned under :-

No:- _____ Date :-

Estimate prepared BY SHRI U.C. SHAH. A.E. GODHRA

& Checked BY SHRI P.P. DESHPANDE. (A.A.E) GODHRA.

Call or authority:-

GENERAL DESCRIPTION.

-:::-

Name of Work : Constg. A B.R.C. Centre at village _____
 Ta. _____, Dist. Panchmahals.

A B S T R A C T

Qty/Unit.	Item	Rate	Per	Amount.
	I.No.(1)			
132.00 Cum	Excavation for foundation upto 1.5m depth i/c shorting out & stacking of useful materials & disposing of the excavated stuff upto 59 m. lead loose or soft soil.	12=25	Cum	1,617=80
	(P.No.35/I.No.1.0.0).			
	I.No.(2)			
45.14 Cum	Providing and laying C.C. 1;5;10 (1cement;5 coarse sand; 10 hand broken stone aggregate 40mm.nominal size) and curing comp.excl.cost of form work in foundation and plinth.	549=00	cum	24,781=86
	(P.No.39/I.No.6.5.3.4.)			
	I.No.(3)			
104.73 cum	Uncoursed rubble masonry with hard stone of approved quality in foundation & plinth in c.m.1;6 (1cement;6 coarse sand)i/c levelling up etc. complete.	470=00	cum	49,223=10
	(P.No.49/I.No.1.6.12(4)).			
	I.No.(4)			
97.62 cum	Filling available excavated earth(excl.rock)in trenches plinth side of foundation etc. in layers not exceeding 20cm. in depth consolidating each deposited layers by ramming and watering.	7=25	cum	707=74
	(P.No.36/I.No.6.4.12.)			
	I.No.(5)			
71.18 cum	Brick work using common burnt clay building brick having crushing strength not less than 35kg/cm ² in superstructure above plinth level upto floor two level.	591=60	cum	42,110=08
	(P.No.49/I.No.1.6.12(b) + P.No.50/I.No.6.0.0).			
	I.No.(6)			
16.80 sqm	P.&F. steel doors with shutters of frame 50x50x6mm.angle iron 7.8 g.16 mm sheets plates with hinges handle stopper locking			

Qty/Unit	Item	Rate	Per	Amount.
	I.No.(9) (A)			
745.00 Kg.	Providing mild steel reinforcement for RCC work i/c bending & packing in position complete upto floor two level.11=90 (P.No.40/I.No.13.5.4.10).		kg	8,865=50
	I.No.(9)(B)			
1730.00 Kg.	Tore steel cold twisted. (P.No. /I.No.)	12=95	kg	22,403=50
	I.No.(10).			
174.73 Sqm	Cement concrete flooring 1;2;4 (1cement;2 coarse sand;4 graded stone aggregate 20mm.nominal size)laid in one layers finishing with floating coat of neat cement 40mm.thick. (P.No.81/I.No.15.14.71(a)).	57=00	sqm	9,959=61
	I.No.(11).			
451.00 sqm	10mm.thick C.P.in single coat in fair side of brick concrete wall for interior plastering upto floor two level finish even and smooth in c.m.1;4. (P.No.88/I.No.1.17.58).	20=45	sqm	9,222=95
	I.No.(12)			
646.07 Sqm	White washing with lime on undecorated wall surface(two coat) to give an even shade i/c throughly broombing the surface to remove all dirt dust mortar drops & other foreign matter. (P.No.91/I.No.1.18.11).	1=15	sqm	742=98
	I.No.(13).			
2.40 Sqm	Providing 2.0 x 1.20m. size 25mm.thick cement plaster black board oil painting with black Japan etc.complete. (R.A. ATTACHED)	65=00	sqm	156=00
	I.No.(14).			
1 No	Providing and fixing 20x15x2.5 cms. year plate of marble stone set in c.m.1;4 including finishing & engraving letters etc. complete. (P.No. 148/I.No.85.0.0).	117=00	No	117=00

Qty/unit	ITEM	Rate	Per	Amount.
	I.No. (15)			
2.40 Rmt	Providing and fixing on wall face asbestos cement rein water pipe i/c jointing with spun yari socked in bitumen & cement 1;2 (1cement;2 coarse sand) comp. 100mm. dia.	28=00	Rmt	67=20
	(P.No.85/I.No.15.15.93(C)			
	I.No. (16)			
1 No.	P.&Eixing water closet pan.	394=00	No	394=00
	(P.112/I.No.9.20.11+11.23.113 12.27.114).			
	I.No. (17)			
8.40 Sqmt	Half brick masonry.	108=50	RMT	911=40
	(P.52/I.No.9.6.31(b) + 10.5.32.(b)).			
	Total Rs:.			2,35,897=82
	Add. 10% External water supply and sanitation... Rs.		23,589=78
				2,59,487=60
	Add. 5 % contigency....	Rs....		12,974=38
				2,72,461=98
	Add. 2 %.....W.C. Estt....	Rs..		23, 5,449=23
				2,77,911=22
	Add. 10 % Electrification charges...Rs...			23,589=78
	GRAND TOTAL: Rs...			3,01,501=00

Say Rs.. 3,01,501=00

Wah
Deputy Executive Engineer,
Panchayat, Sub. Dn.,
CODINA.

MEASUREMENT SHEET

Item No:-(1).

Excavation for foundation upto 1.5m depth i/c shorting stacking of useful materials & disposing of the excavated stuff upto 50m. lead loose or soft soil.

Long wall	:	3 x 20.85 x 1.20 x 1.20	=	90.07	cum
Short wall	:	4 x 5.95 x 1.20 x 1.20	=	34.27	"
	:	2 x 2.50 x 1.20 x 1.20	=	7.20	"
W.C. Bath.	:	1 x 1.50 x 0.45 x 0.65	=	1.70	"
Step.	:	1 x 4.60 x 0.32 x 0.10	=	0.14	"

 131.98 "

Say. 132.00 cum.

Item No:-(2).

Providing and laying c.c. 1;5;10 (1cement;5 coarse sand;10 hand broken brick aggregate 40mm. nominal size) & curing complete excl. cost of form work in foundation and plinth.

Long wall	:	3 x 20.85 x 1.20 x 0.30	=	22.51	cum
Short wall	:	4 x 5.95 x 1.20 x 0.30	=	8.56	"
	:	2 x 2.50 x 1.20 x 0.30	=	1.80	"
Step	:	1 x 4.60 x 0.60 x 0.08	=	0.22	"
Verandah	:	1 x 19.00 x 1.85 x 0.08	=	2.81	"
Meeting Room & Talati Room.	:	2 x 7.20 x 6.50 x 0.08	=	7.48	"
W.C. Bath.	:	1 x 1.50 x 0.45 x 0.08	=	0.054	"
Store	:	1 x 3.30 x 6.50 x 0.08	=	1.71	"

 45.14 cum

Item No:-(3).

Uncoursed rubble masonry with hard stone of approved quality in foundation & plinth in c.m. 1;6 (1cement;6 coarse sand including levelling up etc. complet .

L.W.	:	3 x 20.55 x 0.90 x 0.30	=	16.64	cum
S.W.	:	4 x 6.25 x 0.90 x 0.30	=	6.75	"
	:	2 x 1.60 x 0.90 x 0.30	=	0.86	"
2nd.	:	3 x 20.30 x 0.65 x 1.35	=	53.43	"
	:	4 x 6.50 x 0.65 x 1.35	=	22.81	"
	:	2 x 1.85 x 0.65 x 1.35	=	3.24	"
Step	:	1 x 4.50 x 0.60 x 0.25	=	0.67	"
	:	1 x 4.50 x 0.30 x 0.25	=	0.33	"

 104.73 cum

Item No:-(4).

Filling available excavated earth (excl.rock) in trenches plinth side of foundation etc. in layers not exceeding 20cm. in depth consolidating each deposited layer by ramming and watering.

Verandah	:	1 x 19.00 x 1.85 x 0.65	=	22.84	cum
Meeting & Talati Room	:	2 x 7.20 x 6.50 x 0.65	=	60.84	"
Store Portion	:	1 x 3.30 x 6.50 x 0.65	=	13.94	"

97.62 cum

Item No:-(5)

Brick work using common burnt clay building brick having crushing strength not less than 35kg/cm² in superstructure above plinth level upto floor two level.

L.Wall	:	2 x 20.00 x 0.35 x 3.00	=	42.00	cum
S.wall	:	2 x 2.50 x 0.35 x 3.00	=	5.25	"
	:	4 x 6.80 x 0.35 x 3.00	=	28.50	"
Pillar	:	4 x 0.35 x 0.35 x 3.00	=	1.47	"
	:	1 x 9.54 x 0.23 x 0.45	=	0.98	"
W.C./Bath	:	1 x 1.50 x 0.23 x 3.35	=	1.15	"

81.38 "

DEDUCTION:

Door	D.	8 x 1.00 x 0.35 x 2.10	=	5.88	cum
Window	W	8 x 1.00 x 0.35 x 1.20	=	3.36	"
Lintel.	D	6 x 1.30 x 0.35 x 0.15	=	0.41	"
	W	8 x 1.30 x 0.35 x 0.15	=	0.55	"

Total Deduction :- (-) 10.20 "

Net qty. = 81.38 - 10.20 = 71.18 cum.

Item No:-(6).

P.&F. steel doors with shutters of frame 50 x 50 x 6mm angle iron & B.G. 16mm. sheets plates with hinges handle stopper locking arrangement etc. comp. steel work welded in built up section i/c cutting histing fixing in position & applying two coats of oil painting over one coat of primer etc. complete.

Door : D 8 x 1.00 x 2.10 = 16.80 sqm.

Item No:-(7).

P.&F. steel window with shutter with frame 50x50x6mm angle iron & B.G. 16mm. sheet plate with 16mm ϕ bars hinges, handle stopper locking arrangement etc. comp. steel work welded in built up section i/c cutting hoisting, fixing in position & applying two coats of oil painting over one coat primer etc. complete.

Window : 8 x 1.00 x 1.20 = 9.60 sqm.

Item No:-8(a).

Providing and laying ordinary cement concrete 1;2;4 (1cement; 2 coarse sand; 4 graded stone aggregate 20mm.nominal size for RCC lintel i/c finishing smooth with curing etc.comp.i/c the cost of reinforcement.

Lintel Door	6 x 1.30 x 0.35 x 0.15	= 0.40	cum ✓
Window	9 x 1.30 x 0.35 x 0.15	= 0.55	" ✓
		<u>0.95</u>	"

Item No:-8(b)

P.&L. ordinary cement concrete 1;2;4 (1cement;2 coarse sand; 4 graded stone aggregate 20mm.nominal size) & finishing smooth with curing etc.complete including the cost of form work but excluding the cost of reinforcement for R.C.C.work in Beam having cross section area more than 0.12 sqm & upto 0.18 sqmt.

Room	2 x 7.50 x 0.35 x 0.50	= 2.63	sqm ✓
Verandah	5 x 4.00 x 0.23 x 0.35	= 1.61	" ✓
		<u>4.24</u>	cum ✓

Item No:-8(c)

Ordinary cement concrete 1;2;4(1cement;2 coarse sand; 4 graded stone agg. 20mm.nominal size)& finished smooth with curing etc. complete including the cost of form work but excluding the cost of reinforcement to R.C.C.work in slab having more than 10cm. to upto 13cum. thickness.

$$1 \times 20.00 \times 10.00 \times 0.12 = 24.00 \text{ cum. } ✓$$

Item No:-8(d)

Providing and laying ordinary cement concrete 1;2;4 (1cement; 2 coarse sand;4 graded stone aggregate 20mm.nominal size for reinforcement concrete R.C.C.Chhajjas 10cm. thickness upto floor two level including finishing the exposed surface with c.m. 1;3 (1cement;3 fine sand) to given an smooth & even surface centering & form work & curing complete but excluding the cost of reinforcement.

$$7 \times 1.00 \times 0.45 \times 0.10 = 0.315 \text{ cum.}$$

Item No:-(9).

Providing mild steel reinforcement for R.C.C.work including bending & packing in position complete upto floor two level.

(a) For Lintel.	70 kg	x 0.85	cum	= 66.50	kg.
(b) For Beam	110 kg	x 4.24	"	= 466.40	kg.
(c) For slab	80 kg	x 24.00	"	= 1920.00	kg. ✓
(d) For chhajjas	70 kg	x 0.325	"	= 22.05	kg. ✓

Tore steel:-1730.00 kg.

2474.95 kg.

Miled steel: 745.00 kg.

Sum. 2475.00 kg

Item No:-(10)

Cement concrete flooring 1;2;4 (1cement;2 coarse sand; 4 graded stone agg. 20mm.nominal size) laid in one layers finishing with a floating coat of neat cement.30mm.thick.

Verandah	1 x 19.30 x 2.50	=	48.25	sqm.	✓
Meeting & Talati Room.	2 x 7.50 x 6.80	=	102.00	"	✓
Store	1 x 3.60 x 6.80	=	24.48	"	✓
			<hr/>		
			174.73	Sqm	✓

Item No:-(11).

10mm.thick cop.in single coat in fair side of brick concrete wall for interior plastering upto floor two level finished even and smooth in c.m.1;6.

Outside plinth	2 x 20.30 x 0.75	=	30.45	sqm.	✓
	2 x 10.30 x 0.75	=	15.45	"	✓
Wall	1 x 20.00 x 3.45	=	69.00	"	✓
	2 x 10.00 x 3.45	=	69.00	"	✓
	1 x 20.00 x 0.45	=	9.00	"	✓
Parapet	2 x 19.54 x 0.45	=	17.58	"	✓
	2 x 9.54 x 0.45	=	8.58	"	✓
	2 x 20.00 x 0.23	=	9.20	"	✓
	2 x 9.54 x 0.23	=	4.38	"	✓
Pillar	4x4 x 0.35x 3.00	=	16.80	"	✓

INSIDE PLASTER:

Meeting & Talati Room:	2 x 7.50 x 3.00	=	45.00	"	✓
	2 x 6.80 x 3.00	=	40.80	"	✓
	1 x 1.50 x 3.00	=	4.50	"	✓
Store	4 x 3.60 x 3.00	=	43.20	"	✓
	2 x 6.80 x 3.00	=	40.80	"	✓
Verandah	2 x 2.50 x 3.00	=	15.00	"	✓
	1 x 19.30x 3.00	=	57.90	"	✓
Step side	2 x 0.60 x 0.25	=	0.25	"	✓
	2 x 0.30 x 0.25	=	0.15	"	✓
Top	1 x 4.50 x 0.60	=	2.70	"	✓

DEDUCTION:

Door	8 x 1.00 x 2.10	=	16.80	"	✓
Window	8 x 1.00 x 1.20	=	9.60	"	✓
			<hr/>		
			27.00	"	✓

Net qty: = 498.34 - 27.00 = 471.34 sqm. ✓

Item No:-(12)

White washing with onundecorated wall surface (two coat) to give an even shade i/c throughly broombing the surface to remove all dirt dust mortar drops & other foreign matter.

Qty. as per I.No.(11) above.

i.e. 471.34 Sqmt.

Bottom of slab.	1 x 19.30 x 2.50	=	48.25	"
	2 x 7.50 x 6.80	=	102.00	"
	1 x 3.00 x 6.80	=	24.48	"
			<hr/>	
			646.07	sqmt.

Item No:-(13).

Providing & fixing 1.20mm size 25mm thick cement plaster black board on the wall i/c boarder oil painting with black Japan etc. complete.

1 x 2.00 x 1.20 = 2.40 sqmt.

Item No:-(14)

Providing and fixing 20x 15 x 2.5cms. year plate of marble stone set in c.m. 1;4 i/c finishing and engraving letters etc.complete.

1 No.

Item No:-(15)

P.&F. on wall surface asbestose cement rein water pipe i/c jointing with spun yari socked in bitumen & cement 1;2 (1cement;2 coarse sand) etc.comp. 100mm dia.

4 x 0.60 = 2.40 RMT

Item No:-(16)

P.&F. water closet squanting pan(Indian type w.c.pan) size 580mm. with 100mm size P.&S. & trap for water closet squanting pan i/c jointing the trap with pipe in cement mortar 1;1; of viterious china foot rest pair of size 250mm x 130mm x 30mm etc.comp.

1 No.

Item No:-(17)

Half brick masonry in common burnt clay building bricks having crushing strength not less than 35kg/sqcm in cement mortar 1;3 with 2 Nos. of 6mm M.S.round bars after every three coarse emseded in super structure.

	1 x 3.60 x 3.50	=	12.50	cum
Ded. of..	2 x 1.00 x 2.10	=	4.20	"
			<hr/>	
			8.40	cum.

RATE ANALYSIS.

Item No:- 6

Providing and fixing steel door having door fame of 50x50x6mm iron angle shutter frame of 30x30x5mm iron and B.C.18 gauge sheet plate with hinges, handle, stopper, aldop and holdfast complete and cutting welding and fixing the built up section in position including two coats of oil painting of approved quality over one coats of primer etc.complete.

Door size :- 1.00 x 2.00 = 2.00 sqm.

- i) Door frame : 50x50x6mm iron angle. 6.00 Rmt@4.50kg/Rmt=27.00kg
- ii) Shutter frame: 30x30x5mm iron angle.10.00 " @ 2.20Kg/" = 22.00Kg
- iii) Cross frame : 30mm wide & 3mm th.flat4.00Rmt@0.70Kg/" = 2.80Kg
- iv) Sheet plate : B.G. 18 Gauge. 2.00 sqm @ 9.80 Kg/sqm = 19.60Kg

Total:- 71.40Kg

i.e. 0.714 qtl.

- i) 0.714 quintle M.S.flat @ Rs.1250.00/quintle. = 892.50
(P.No.3/I.No.37)
- ii) 6 Nos.dinges size 100 x 58 x 1.4mm @ Rs.3/-No. = 18.00
(P.No.2/I.No.25(ii))
- iii) 2 Nos.Handle of iron oxidised @ Rs.7.20/-No. = 14.40 ✓
(P.No.23/I.No.255(c)).
- iv) 1 No. 20mm. Aldrop of 30cm.-length @Rs.28/-No. = 28.00
(P.No.20/I.No.233(0)(iii)).
- v) 2 Nos.stopper (Market Rate) @ Rs.5/-No. = 10.00 ✓
- vi) 6 Nos.Hold fast (Market Rate)@ Rs.4/-No. = 24.00
- vii) 71.40 kg.cutting & welding charges @Rs.4/-kg. = 185.60 ✓
- viii) 2.00 sqm fixing charges @ Rs.18/-sqm. = 36.00
(P.No.70/I.No.9.11.14).
- ix) 4.00 sqm.oil painting @ Rs.25.95/-sqm. = 103.80 ✓
(P.No.97/I.No.1.19.2.+2.19.7)
- x) 1.00 job carting charges @ Rs.35/-LUMP. = 35.00

Total Rs... 4,447=30 ✓

∴ Rate per sqm. = $\frac{4470.30}{2.00}$ = Rs. 723.65/-per sqm. ✓

Deputy Executive Engineer,
Panchayat(R&B) Sub Dn.No.1.
GODHRA

RATE ANALYSIS

Item No:- 7

Providing and fixing steel window having frame for window & shutter of 50x30x5mm size iron angle and B.G. 18 gauge sheet plate with 16mm dia round steel bars, hinges, stopper etc.comp. and cutting, welding and fixing the built-up section in position including two coats of oil painting of appd. quality over one coat of primer coat etc.comp.

Window size: 1.00 x 1.20 = 1.20 sqm.

i) Window frame : 50x30x6mm iron angle-4.40Rmt @3.50kg/Rmt=15.40Kg.	
ii) Shutter frame: 30x30x6mm iron angle-6.80Rmt @2.20kg/Rmt=14.96Kg.	
iii) Cross flat: 30mm wide 3mm thick-2.00Rmt @0.70Kg/Rmt = 1.40Kg.	
iv) Horizontal round bars: 12mm @10cm c/c = 10.00Rmt @0.89Kg/Rmt = 8.90Kg.	
v) Cross plate for holding bars: 40mm wide @6mm th.-2.40Rmt @1.90Kg/Rmt= 4.56Kg.	
vi) Sheet plate: B.G.18 gauge -1.20 sqm.@9.80kg/Rmt = 11.76Kg.	
	= 56.98Kg.

i. e. 0.5698 Qntl.

i) 0.5698 qntl. M.S. flat @ Rs.1250.00/Qntl. (P.No.3/I.No.37)	= 712.25
ii) 4.00 Nos. Hinges size 50x37x1.5mm @Rs.2.00/-No.= (P.No.2/I.No.25(vi))	8.00
iii) 2 Nos. Hangle of iron oxidised @Rs.7.20/-No. = ((P.No.23/I.No.255(c))).	14.40
iv) 2 Nos. stopper @ Rs.5/- No. (Market Rate)	= 10.00
v) 4.00 Nos. Hold fast @ Rs.4/-No.	= 16.00
vi) 56.98 kg. cutting & welding charges @ Rs.4.00 Kg. (Market Rate)	= 227.92
vii) 1.20 sqm. fixing charges @ Rs.18/- sqm. (P.No.70/I.No.9.11.14)	= 21.60
viii) 2.40 sqm oil painting @ Rs.25.95/-sqm. (P.No.97/I.No.1.19.2+2.19.7).	= 62.28
ix) 1.00 Job carting charges @ Rs.35/-Lump.	= 35.00

Total Rs.. = 1107.45

i. e. Rate per sqm. = $\frac{1107.45}{1.20}$ = Rs.922.875

Say Rs. 922.88/-per sqm.

Deputy Executive Engineer,
Panchayat (R&B) Sub Dn. No.1.
CCDHRA

Item No:- 13

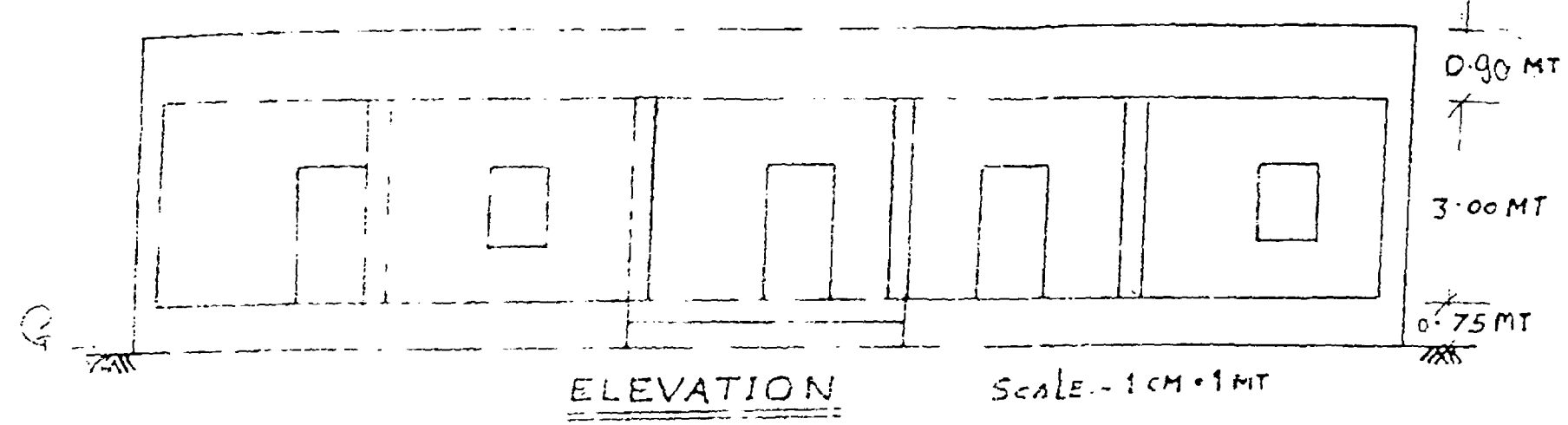
Providing 2.0 x 1.20 mm size thick plaster black board on two wall including boarder oil painting with black Japan etc.comp.

Qty/ Unit	Item	Rate	Per	Amount
2.40 Smt.	1.20mm thick C.P. in single coat C.M.1;3. (S.O.R.P.80/I.3.17.51)	41.00	smt	98=40
0.325 "	For border -do- 0.05m. xxx width.	41.00	"	13=22
2.40	For oil painting. (S.O.R.P.16/I.31.18.57)	18.45	Smt	44=28
Total Rs.				<u>156.00</u>

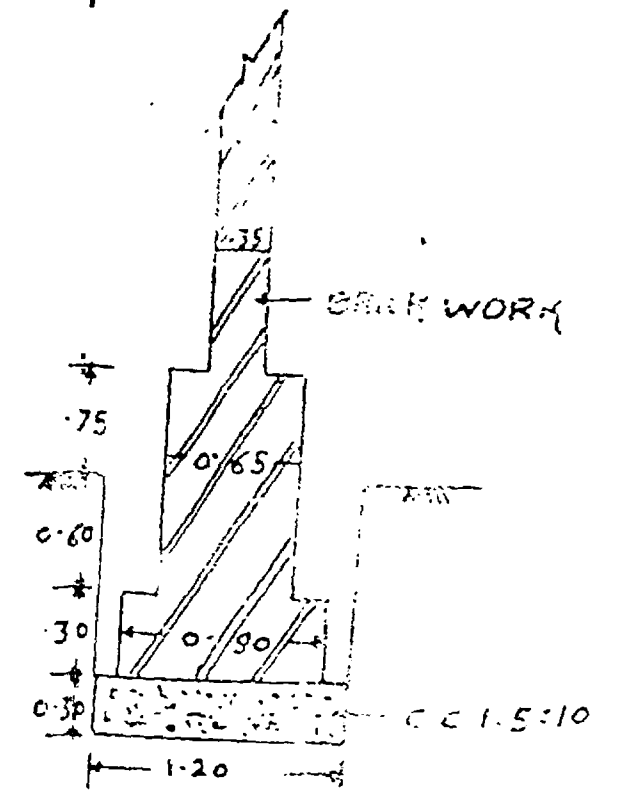
For one smt. = 156.00/2.40

i.e. 65.00

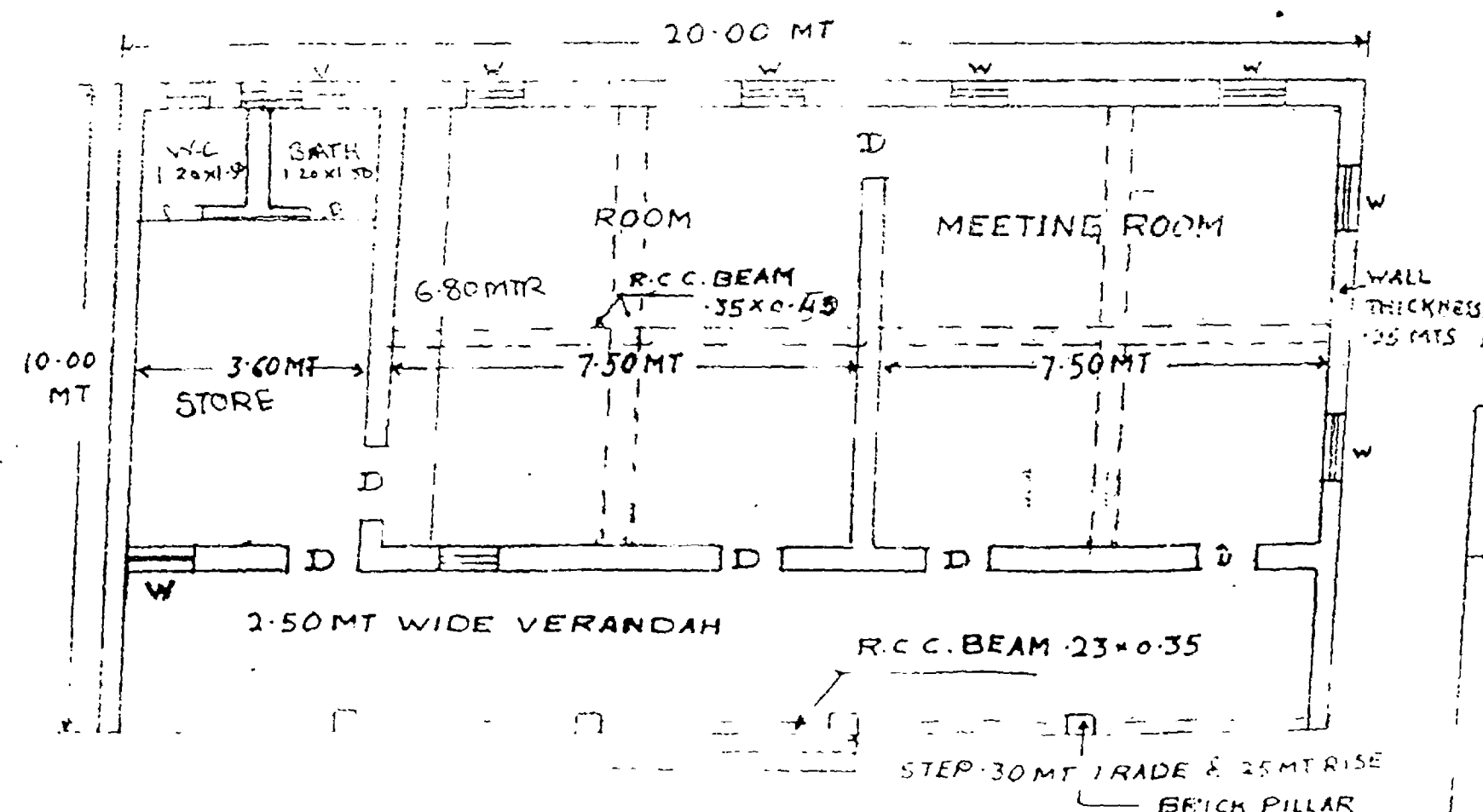
Say. 65.00/Smt.



ELEVATION Scale:- 1 CM = 1 MT



DETAIL OF FOUNDATION
N.T.S.



PLAN Scale:- 1 CM = 1 MT.

SCHEDULE OF OPENING	
(1) DOOR	D 1.00 x 2.10 M H.S. STEEL 8 NOS
(2) WINDOW	W 1.00 x 1.70 M " " 8 NOS

CONSTRUCTION OF B.R.C. CENTRE
AT VILLAGE: : : TAL: GODHRA

Name of Work :- Constg. Two Room School Building at
village _____, Ta. Godhra.
Dist. Panchmahals.

RECAPTULATION SHEET

-
- (1) Sub Estimate No:-(1)
(Two room School) Rs. 1,35,185=00
- (2) Sub Estimate No:-(2)
(W.C. and Bath) Rs. 50,670=00
- (3) Sub Estimate No:-(3)
(Hand Pump) Rs. 27,000=00

Total Rs..Rs.. 2,12,855=00

2/04
Addl. Asstt. Engr.,
Taluka Panchayat,
GODHRA.

[Signature]
Taluka Development Officer,
GODHRA (Panchmahals)

[Signature]
Deputy Executive Engineer,
Panchayat (R&M) Sub. Dn.-1
GODHRA.

[Signature]
Executive Engineer

E S T I M A T E

Sanctioned Estimate No. : of.
Fund Head :
Minor Head :
Major Head :
Service Head :
Department Head :

Estimate framed in the office of the Executive Engineer

Panchmahals. (R&B) Division No.1. Godhra of the Probable expenses

that will be incurred in constructing TINAKRONI SCHOOL BUILDING at village

_____ Taluka, Godhra. Dist. Panchmahals.

: Rs. 2,12,855/-
~~1,35,185/-~~

Administrative Approved under :

No. Date

Technically sanctioned under :

No. Date

Estimate Prepared by S. ci. :

M R RATHORE (AAE)

Estimate Prepared by Civil :

P P DESHPANDEY (AAE)

Call or authority. :

: GENERAL DESCRIPTION :

As per attached sheet.

141
me of work:- Constructing One Room School Building @

Village:- _____ Taluka:-Gedhra. Dist.Panchmahals.

ABSTRACT SHEET.

(Sub Contract No 1)

Qty	Item.	Rate.	Per.	Amount.
7.50 mt.	(1).Excavation for foundation upto 1.5 m depth i/e sorting & stacking of usefull materials & depositing the excavated stuff upto 50,m lead loose or soft soil. (P.No.35.I.1.0.0).	12.25	Cumt.	581.87
1.20 mt.	(2).Providing & laying C.C. 1:5:10 (1 cement: 5 sand: 10 stone aggrigate 40 mm nominal size)including curing complete Excl. for work for foundation and plinth. (P.No.39.I.9.5.3.8).	508.00	Cumt.	7721.60
13.00 mt.	(3).Brick work using brunt clay building bricks having crushing strength not less than 35Kg.sq. cm in foundation & plinth in cement mortar. (b).Conventional.	570.00	Cumt.	23,826.00
1.90 mt.	(4).Filling available excavated earth(Ex.rock) in tren has plinth sides of foundation in layers note exceeding 20cm depth consolidated each deposited leyers by remming and watering. (P.No.36.6.4.12).	7.25	Cumt.	209.52
1.55 mt.	(5).Brick work using common brunt clay building bricks having crushing strength not less than 35Kg.sq.cm. in foundation and plinth in C.M.1:6.(1cement.6.C sand) (P.No.49+50.I.2.6.13.6.0.10b).	591.60	Cumt.	27,890.14
1.00 mt.	(6).Providing & fixing steel door with shutters of frame 50x50x6mm angle iron & BC 18mm sheet plate with angle iron BC 16mm sheet plate with hinges handle stopper lockign arrangement etc complete steel work welded built up section including hosting 2 coats of oil painting with 1 coat of primer coat etc. (R. A. Attached).	723.65	Sqmt.	2,894.60

1.	2.	3.	4.	5.
7.20 Sqmt.	(7). Providing & fixing steel window with shutters with frame 50 x 30 x 6mm angle iron Dg. 16mm sheet plate with 16mm dipab dipabars hinges handle stopper locking arrangement etc steel work welded built up cement cutting hosting fixing in position with 2-coats of oil painting with 1 coat of primer coat. (R.A. Attached).	922.88 Sqmt.		6644-71
0.55 Cumt.	(8). Providing and laying ordinary C.C. 1:2:4 (1 cement 2 cm sand 4 graded stone aggregate 20mm nominal size) for R.C.C. lintels including finishing smooth with curing etc. complete including the cost fromwork but excluding cost of reinforcement. (P.45.I.3.0.0.0).	1497.00 Cumt.		823-3
0.24 Cumt.	(9). Providing and laying C.C. s 1:2:4 (1 cement 2 sand 4 graded stone aggregate 20mm nominal size) for reinforced concrete chhaja not exceeding 10cm thickness upto floor two level including finishing the exposed faced with cm. 1:3. (1 cement 3 fine-sand) to give a smooth and even surface centering and form work and curing complete excluding cost of reinforcement.	1690.00 Cumt.		405-6
0.50 Cumt.	(10). Providing and laying ordinary C.C. 1:2:4 (1 cement 2 c. Sand 4 graded stone aggregate 20mm nominal size) finishing smooth with curing complete including the cost of form work but excluding cost of reinforcement (A). Beam having cross section area more than 0.12 sqm and up to 0.18 sqm. (P.No.46.I.No.31.0.0.3).	1411.00 Cumt.		8079-1
10.90 Cumt.	(11). Providing and laying C.C. 1:2:4m (1 cement 2.C.sand 4 graded stone aggregate 20mm nominal size) finishing smooth with during complete including cost of formwork but excluding cost of reinforcement for R.C.C. work in slab having more than 10cm and upto 13cm thickness. (P.No.44.26.0.0.3).	1486.00 Cumt.		15,191

1.	2.	3.	4.	5.
570.00 Kgs.	(12).Providing Mild steel reinfor- cement for R.C.C. work i.e. bending & Placing in position complete upto floor two level.			
330Kg.				
95.00 Kg.	(a)Mild Steel.	11.90	Kg.	3927=00
	Kg.(b).Tor Steel.	12.95	Kg.	9906=75
91.00 Sqmt.	(13).Coment concrete 1:2:4 , (1 cement 2 coarse sand:4 graded aggrigate 20mm nominal size) laid on layer finishing smooth 40mm th. (P.No.81.I.15.14.7.a).	57.00	Sqmt.	5415=00
345.00 Sqmt.	(14).10 mm thick cement plaster in single coat on fair side or brick/concrete wall for interior plastering upto floor two level & smooth in C.M. 1:4 (1 cement & 4 sand). (P.88.I.1./17.II).	20.45	Sqmt.	7115=60
445.00 Sqmt.	(15).White washing with lime on undecorated wall surface(Two coat) to give an even sahde including throughly bromming the surface to romove all dirt dust mortar drops and other foreing metter. (P.91.I.1.18.11).	1.15.	Sqmt.	511=75
5340 Metre.	(16).Providing & fixing wall face asbestose cement rain water pipe including jointing with spun yerh socked in bitument and cement 1:2 (1cement 2 coarse sand compl).	28.00	Metre	151=20
4300 No.	(17).Providing Black board of standard size etc. complete (Market Rate).	65.00	No.	260=00
1.No.	(18).Providing and fixing 20x15x2.50 cm size ygar plate or marble stone set in c.m.1:4 including finishing and engraving tho letters etc. complete. P.146.I.85. Q.6).	117.00	No.	117=00

P. T. O. Continue.

1. 2.

3.

4.

5.

99/00

Smt. (19). Providing and laying cement concrete flooring 1:2:4 (1cement 2 coarse sand :4 graded stone aggregate 20mm nominal size) laid in one layer finished with a floating coat of neat comont.

(b).50mm thick.

69-00 Smt.

6831-00

Rs. 126219-71

Add 5% Conti. charges. Rs.

~~6831-00~~
5310-98

132530-69

Add 2% W.E. Estt.Ch. Rs.

~~6831-00~~
7650-61

135181-30

Say:-1,35,185/-

Ycu
Additional Assistant Engineer,
Taluka Panchayat, Godhra.

Vin. C. S. ...
Taluka Development Officer,
Taluka Panchayat, Godhra.

Deputy Executive Engineer,
Panchayat, Sub.Division.No.1,
Godhra.

W
Executive Engineer
Panchmahal Panchayat
(R&B) Division No.-1,
GDHRA

Measurement sheet.

(See (part) No 1)

- (1). Excavation for foundation up to 1.5 depth including sorting out and stacking useful materials including disposing the excavated stuff upto 50mm lead. loose or soft soil.

V.Wall	3 x 8.60 x 0.75 x 1.05	=	20.31	Cum
H.Wall.	2 x 2 x 5.70 x 0.75 x 1.05	=	26.72	"
Step.	2 x 1.30 x 0.60 x 0.30	=	0.46	"
			<u>47.49</u>	"
Say:- 47.50, Cum				

- (2). Providing and laying C.C. 1:5:10 (1 cement 5 sand, 10 stone aggregate 40mm nominal size) including curing complete excluding cost of formwork for foundation and plinth.

V.Wall	3 x 8.60 x 0.75 x 0.15	=	2.90	Cum
H.wall.	2 x 2 x 6.70 x 0.75 x 0.15	=	3.84	"
Step.	2 x 1.30 x 0.60 x 0.10	=	0.16	"
Bedding.	2 x 4.80 x 6.00 x 0.10	=	5.76	"
Bedding.	2 x 2.10 x 6.00 x 0.10	=	2.52	"
			<u>15.18</u>	"

- (3). Brick work using burnt clay building bricks having crushing strength not less than 35Kg/cm in foundation & plinth in cement mortar.

V.Wall.	3 x 8.45 x 0.60 x 0.45	=	6.84	Cum
V.Wall	3 x 8.30 x 0.45 x 0.90	=	10.08	"
H.Wall.	2 x 3 x 5.85 x 0.60 x 0.45	=	9.46	"
H.Wall.	2 x 3 x 6.00 x 0.45 x 0.90	=	14.58	"
Step.	2 x 1.00 x 0.60 x 0.35	=	0.42	"
Step.	2 x 1.00 x 0.30 x 0.15	=	0.10	"
			<u>41.48</u>	"

Say:- 41.80 Cum

- (4). Filling available excavated earth. (Ex. rock) in trenches plinth side of foundation in layers not exceeding 20cm depth consolidated each deposited layers by ramming and watering.

For Room.	2 x 4.80 x 6.00 x 0.35	=	20.16	Cum
For Ver.	2 x 2.10 x 6.00 x 0.35	=	8.66	"
			<u>28.82</u>	"

Say:- 28.90 Cum

- (5). Brick work using common burnt clay building brick having crushing strength not less than 35Kg/sq. cm. in foundation and plinth in C.M. (1 cement: 6 sand).

V.Wall.	3 x 5.60 x 0.35 x 3.00	=	17.64	Cum		
H.wall	2 x 2 x 6.10 x 0.35 x 8.00	=	25.62	"		
Pillar	5 x 0.35 x 0.35 x 3.00	=	1.83	"		
Perpet.	2 x 8.20 x 0.23 x 0.60	=	2.26	"		
"	2 x 12.79 x 0.23 x 0.60	=	3.53	"		
			<u>50.88</u>	"		
Deduct. Doors.			2 x 1.00 x 0.35 x 2.00	=	1.40	Cum
Windows.			2 x 3 x 1.00 x 0.35 x 1.20	=	2.52	"
			<u>3.92</u>	"		
Net Qty. 46.63						
Say:- 46.65 Cum						

(6). Providing and fixing steel door with shutters of frame 50x 50 x6mm angle iron & BG.18 mm sheet plate with angle iron Bg.sheet plate with hinges handle stoppers locking arrangement etc. complete steel work welded in built up section including hosting 2 coats of oil painting with 1 coat of permir etc. complete.

Doors. 2 x 1.00 x 2.00 = 4.00 Sqm.

(7). Providing & fixing steel window with shutters frame 50x 30x6mm angle iron Bg.16 mm sheets plate with 16mm dia bars hinges handle stopper locking arrangement etc. steel work welded built up sec. hoisting fixing in position with 2 coats of oil painting and 1 coat of primer coat.

Window. 2 x 3 x 1.00 x 1.20 = 7.20 Sqmt.

(8). Providing and laying ordinary cement concrete 1;2;4 (1 cement 2 c.sand 4 graded stone aggregate 20mm nominal size) for R.C.C. lintel including finishing smooth with curing complete 1/3 the cost of formwork but excluding the cost of reinforcement.

Lintel doors.	2 x 1 x 1.30 x 0.35 x 0.15	=	0.14	Cum
Lintel	2 x 3 x 1.30 x 0.35 x 0.15	=	6.40	"
			<u>0.54</u>	"

Say:- 0.55 Cum

(9). Providing and laying C.C. 1;2;4 (1 cement 2 coarse sand 4 graded stone aggregate 20mm nominal size) for reinforced concrete chajja not exceeding 10cm thick ness up to flor two level inclu. finishing the exposed faces with C.M. 1;3 (1 cement 3 c.sand to give smooth and even surface centering form work and curing complete etc. the cost of reinforcement.

Window chhaja. 2 x 2 x 1.30 x 0.45 x 0.10 = 0.24 Cum

(10). Providing and laying ordinary C.C. 1;2;4 (1 cement 2.c.sand 4 graded stone aggregate 20mm nominal size) finishing smooth with curing comp. including the cost of form work but excluding cost reinforcement(A) Beam having Cross sectional area than 0.08 sqm. and upto 0.12 sqm.

In Room.	2 x 1 x 6.80 x 0.235 x 0.50	=	2.38	Cum
er.	2 x 1 x 6.80 x 0.30 x 0.30	=	1.22	Cum
			<u>3.60</u>	"

11). Providing laying C.C. 1;2;4, (1 cement 2 c.sand 4 graded stone aggregate 20mm nominal size) finishing smooth with curing comple including cost of form work but excluding cost of reinforcement R.C.C. work in slab having more than 10cm and upto 12 cm thickness

slab.	1 x 13.25 x 8.20 x 0.10	=	10.96	Cum
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Say:- 10.90 Cum.

(12). Cold twisted steel reinforcement for R.C.C. work including bending binding and placing in position up to floor two level.

for Lintel.	1 x 0.55 x 70 Kg. Cumt.	=	38.50	Kg.
for Chhaja.	1 x 0.24 x 90 Kg. "	=	21.80	"
for Beam.	1 x 3.60 x 90 Kg. "	=	324.00	"
for slab.	1 x 10.90 x 65 Kg. "	=	708.50	"
			<u>1092.80</u>	"

Say:- 1095.00

) Mild steel. 330.00 Kg.

) Tere Steel. 765.00 Kg.

1095.00 Kg.

(13). Cement concrete 1;2;4 (1cement 2 coarse sand 4 graded stone aggregate 20mm nominal size) laid on layers finishing smooth 40mm thick.

For Beam.	2 x 6.10 x 4.90	=	59.78	Sqmt.
Ver.	2 x 6.85 x 2.80	=	35.20	"
			<u>94.48</u>	"

Say:- 95.00 Sqmt.

(14). 10cm thick cement plaster in single coat on fair side or brick/ concrete wall for interior plastering upto flor two level & smooth in C.M. 1;4 (1cement & 4 sand).

In side.	2 x 2 x 4.90 x 3.00	=	58.80	Sqmt.
V.wall.	2 x 2 x 6.10 x 3.00	=	73.20	"
<u>Out side.</u>				
V. Wall.	2 x 5.60 x 3.00	=	33.60	Sqmt.
H. Wall.	2 x 13.25 x 3.00	=	79.50	"
Pillar.	5 x 1.40 x 3.00	=	79.00	"
plinth	2 x 12.35 x 0.45	=	12.01	"
	2 x 8.30 x 0.45	=	19.44	"
Parapet.	2 x 13.25 x 1.43	=	37.89	"
Stop.	2 x 1.00 x 0.60	=	1.20	"
			<u>358.77</u>	"

Say:-

Deduct.

Doors.	2 x 1 x 1.00 x 2.00	=	4.00	Sqmt.
Windwos.	2 x 2 x 1.00 x 1.20	=	7.20	"
			<u>11.20</u>	"

Net Qty. 347.57 Sqmt.

Say. 348.00

(15). Whitw washing lime on undecorated wall surface (Two) coats to have an even shade indian in throughly bromming the surface to remove all dirt dust mortar drops and other foreign matter.

Celling.	2 x 1 x 4.90 x 6.10	=	59.78	Sqmt.
Celling.	2 x 1 x 6.80 x 2.68	=	36.04	"
			<u>95.82</u>	"

Add Qty. per Item No.14 348.00 i.e. Total. 443.82

Say 445.00 Sqmt.

(16). Providing and fixing A.C. soil down take pipe with peceser bands etc comp. 100 cmm dia.

Pipe.	2 x 6.00 x 0.45	=	5.40	Mtr.
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Say:- 5.40 Mtr.

(17). Providing black board of standard size.

Black board 1 No.

	2 x 2.00 x 1.00	=	4.00	Sqmt.
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(18). Providing fixing 20 cm x 15cm size year plate of marble stone set inc.m. 1;4 including finishing and ongraving of letter etc. comp.

year plate.	1 No.	=	1 Nos.
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(19). Pro. & laying

i.p.s. on 1 x 7.74 x 12.79 x 98.99 Sqmt.

Say. 99.00 Smt.

RATE ANALYSIS.

Item No. () :-

Providing and fixing steel window having frame for window & shutter of 50 x 30 x 5mm size iron angle and B.G. 18 guage sheet plate with 16mm dia round steel bars hinges, stopper etc. complete and cutting, welding and fixing the buildup section inposition including two coats of oil painting approved quality over one coat of primer etc. complete.

Window size. 1.00 x 1.20 = 1.20 Sq.m.

i). Window frame	: 50x30x6mm iron angle	4.40 Rmt.	@ 3.50Kg/Rmt.	15.40Kg
ii). shutter frame	: 30x30x6mm angle.	6.80 Rmt.	@ 2.20Kg/Rmt.	14.96Kg
iii). cross flate	: 30mm wide 3mm thick	2.00 Rmt.	@ 0.70Kg/Rmt.	1.40Kg
iv). Hori. Round bars	: 12mm @ 10 cm c/c =	10.00 Rmt.	@ 0.89Kg/Rmt.	8.90Kg
v). Cross flate for holding bars.	: 40 mm wide & 6mm thick	2.40 Rmt.	@ 1.90Kg/Rmt.	4.56Kg
vi). sheet plate.	: B.G. 18 guage. = 1.20 Sqm.	9.80Rt.	@	11.76 Kg

Total. 56.98Kg

i.e. 0.5698 Qntl.

1). 0.5698 Quintle. M.S. Flate @ Rs. 1250.00/Quintle. (P.No.3/I.No.37).	=	712.25
2). 4.00 Nos. Hingles size 50x37x1.5mm @ Rs. 2.00/No.	=	8=00
3). 2.00 Nos. Handle of iron oxidised @ Rs. 7.20/No. (P.No.23/1.No.255.(c)).	=	14=40
4). 2.00 Nos. stopper. @ Rs. 5/- No. (Market Rate).	=	10=00
5). 4.00 Nos. Hold fast. @ Rs. 4/- No. (Market Rate).	=	16=00
6). 56.98 Kg. cutting & welding charge. Rs. 4.00 Kg. (Market Rate).	=	227=92
7). 1.20 Sqm. fixing charge. @ Rs. 18.00 Sqm. (P.No.70/I.9.11.14).	=	21.60
8). 2.40 Sqm. Oil painting @ Rs. 25.95 /-Sqm. (P.No.97/I.No.1.19+2+2.19.7).	=	62=28
9). 1.00 Job Carting charges. @ Rs. 35.00 /- Lum/	=	35=00

Total. =1107= 45

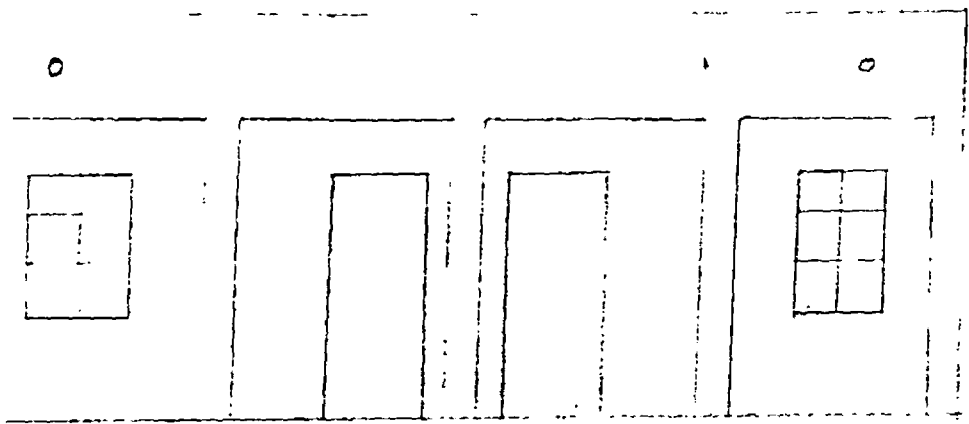
i.e. Rate Per Sq.m. 1107.45 = Rs. 922.87 Sqm.

1.20

Say:- Rs. 922.88/- Per Sq.m.

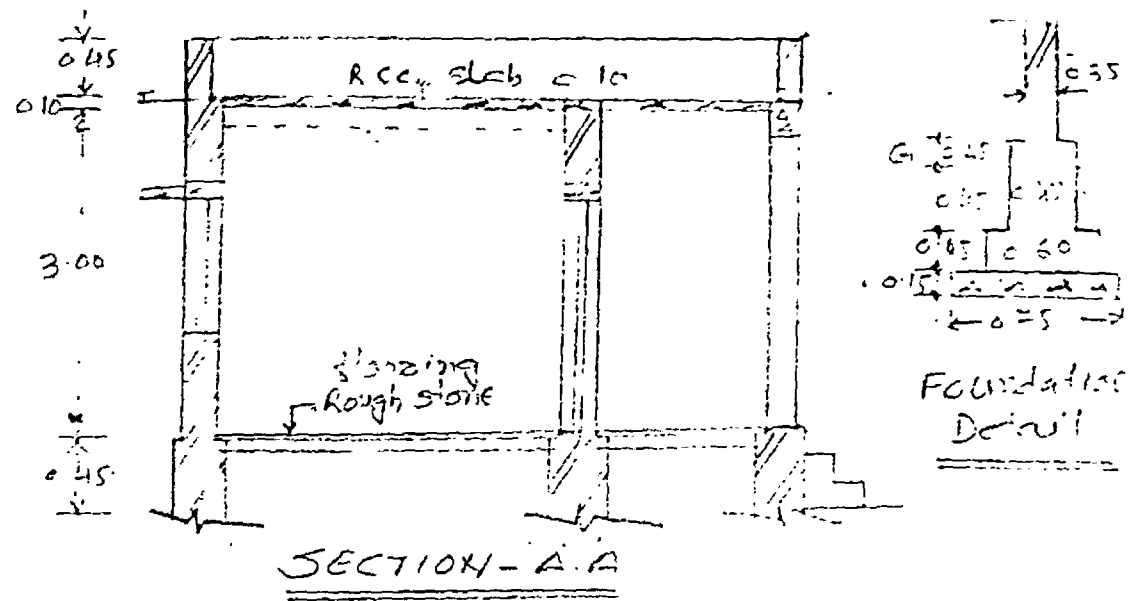
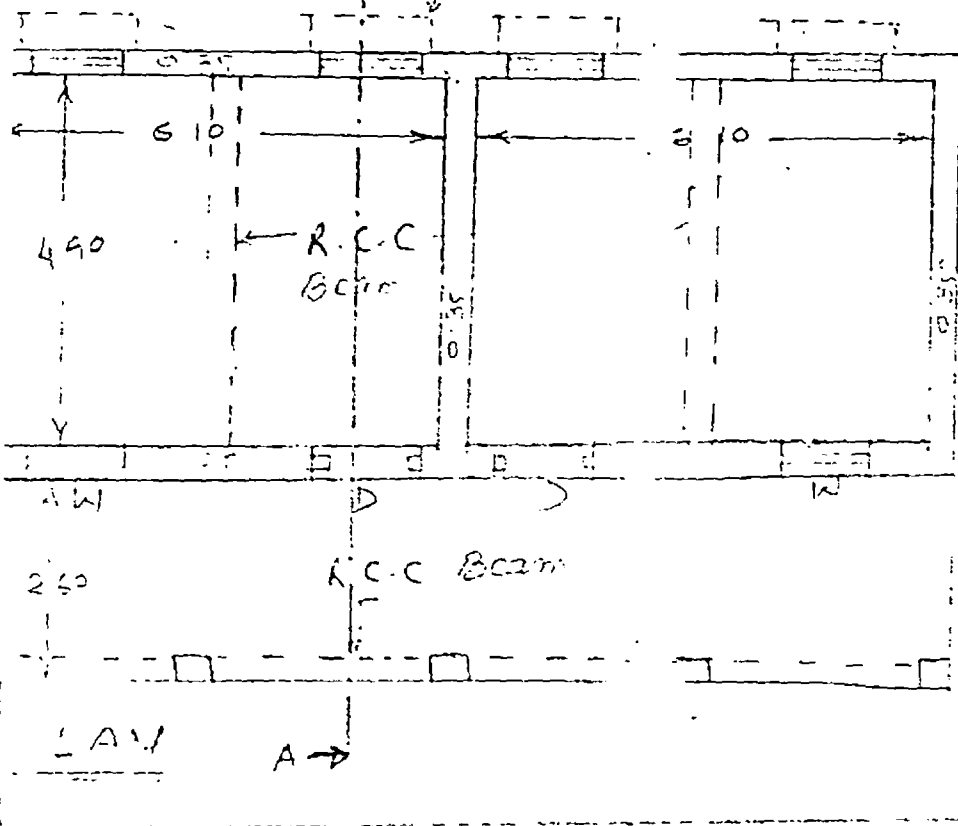
Deputy Executive Engineer.
Panchayat. (R&B) Sub. Dn. No. 1.
Godhra.

Fyoy
Additional Assistant Engineer.
Taluka Panchayat, Godhra.



ELEVATION

A - R.C.C. Chhajja



SECTION-A-A

SCHEDULE		
DOOR	D	1.00 X 2.00 M
WINDOW	W	1.00 X 1.20 M
ROOM		6.10 X 4.90 M
VERANDAH		2.60 M wide

NAME OF WORK - Constg
 Two Room School Building
 TA Gadhwa
 Di. Panchayat
 T.P. Gadhwa
 Dy. S. E. 1992
 Panchayat Gadhwa
 S. 19

ABSTRACT SHEET

Qty/Unit.	ITEM	Rate	Per	Amount.
(1)	(2)	(3)	(4)	(5)
Item No:-(1).				
11.71 Cmt.	Excavation for foundation upto 1.5m. depth including shorting out & stacking of useful material and disposing of the excavated stuff upto 50m. lead loose or soft soil.	12=25	Cmt	143=44
(S.O.R.P.No.35/I.No.1.0.0.)				
Item No:-(2).				
2.32 Cmt.	Providing and laying C.C. 1:5:10 (cement;5 coarse sand ; 10 hand broken brick aggregate 40mm. nominal size) & curing complete excluding cost of form work in foundation and plinth.	508=00	Cmt	1,178=56
(S.O.R.P.No.39/I.No.9.5.3.8)				
Item Nos:-(3).				
7.17 Cmt.	Brickwork using burnt clay building bricks having crushing strength not less than 35kg/cm ² c.m.in foundation and plinth in cement mortar.	570=00	Cmt	4,086=90
(B) Conventional.				
(S.O.R.P.No.49/I.No.0.2.6.13(b)).				
Item No:-(4).				
1.29 Cmt.	Filling available excavated earth(excluding rock) in trenches plinth sides of foundation etc.in layers not exceeding 20cm.in depth consolidation each deposited layers by ramming and watering.	7=25	cmt	9=35
(S.O.R.P.No.36/I.No.6.6.4.12)				

Item No:-(5)

4.82 Cmt.	Brick work using common burnt clay building brick having crushing strength not less than 35kg/cm ² in super structure above plinth level upto floor two level.	591=60	cmt	2,851=51
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(S.O.R.P. 49+50/I.No. 2.6.13. 6.010 (B)).

Item No:-(6).

2.81 cmt.	Half brick masonry in common burnt clay building bricks having crushing strength not less than 35kg/sq.cm. in cement mortar 1;4 (1cement; 4 coarse sand) in foundation and plinth.	75=00 2=5	cmt	210=75
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(S.O.R.P.No.51/I.8.6.30(2)(b)).

Item No:-(7).

5.67 cmt.	Providing and fixing stool doors with shutters of frame 50 x 50 x 6mm angle iron 7.8G. 16mm. sheet plates with hinges handle stopper, lodging agran hement etc. compl. work welded in built-up section including hoisting two coats of oil painting etc. complete.	723=65	Cmt	4,103=09
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(R.A. ATTACHED).

Item No:-(8).

0.81 Smt.	Providing upto floor two level precast cement concrete jali or grill 1;2;4 mix (1cement;2 coarse sand; 4 graded stone aggregate 6mm. nominal size) reinforced with 1;6 mm dia Miled steel wire including roughening chelaning, fixing and finishing in cement mortar 1;3 and curing complete. (A) 50mm. thick.	95=00	smt	76=95
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(S.O.R.P. 41/I.19.5.6.2(c)).

Item No:-(9).

0.12
Smt.

Providing and laying ordinary cement concrete 1;2;4 (1cement; coarse sand; graded stone aggregate 20mm. nominal size) aggregate 20mm. nominal size) for R.C.C. lintel including finishing smooth with curing etc. complete including the cost of form work but excluding the cost of reinforcement.

1497=00 cmt

179=64

(S.O.R.P.No.45/I.30.0.0).

Item No:-(10).

2.75
Smt.

Ordinary cement concrete 1;2;4 (1cement; 2 coarse sand; 4 graded stone aggregate 20mm nominal size & finishing smooth with curint etc. complete including the cost of form work but excluding the cost of reinforcement to R.C.C. work in slab having more than 10mm upto 130m. thickness.

1486=00 cmt

4,086=50

(S.O.R.P.44/1.No.13.5.4.10).

Item No:-(11).

190.00
Kg.

Providing Mild steel reinforcement for R.C.C. work including bending & packing in position complete up to floor two level.

11=90

Kg

2,251=00

(S.O.R.P.112/I.9.23.1:1)

1.00
No

Item No:-(12).

Providing and fixing water closet squatting pan(Indian type W.C. pan size:580 mm. (Earth work, bed concrete, foot rests and trap to be measured and paid for separately).

270=00

No

270=00

~~///~~

(a). Vitreous china.

(1) Lang pattern white colour)

Item No:-(13).

3.00
Nos.

Constg. brick masonry chamber for underground C.I. Inspection chamber and bends with brick having crushing strength not less than 35kg/cm. 2.C.M. 1;5 C.I. cover with frame (Light duty)455mm x 610 mm internal dimensions, total weight of cover with frame to be not less than 38kg/(wt.of

Contd. I. No. (13).

15kg/(R. C. C. top slab with 1;2;4 Mix(1cement;2 coarse sand;4 graded stone aggregate 20mm. size) foundation concrete 1;5;10 inside plaster 15mm. thick with cement mortar 1;3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete. 512=00 No 1,536=00
(S.O.R.P.123/I.16.24.44)(i)).

Item No:-(14).

8.80
RMT

Providing and laying (to level or slopes and contouring with stiff mixture of cement mortar in proportion 1;2 salt glazed stoneware pipe following nominal diameters including testing of pipes and joints complete. 47=00 RMT 376=00
(A) 100mm. dia.

Item No:-(15).

3.00
Nos.

Providing and fixing S.M. gully trap with G.T.Grattng brick masonry chamber and water tight C.I. cover with frame of 300mmx 300mm size 239=00 No 717=00
(Inside)with standard weight)
(S.O.R.P.119/I.No.6.24.19).

Item No:-(16).

99.77
Smt.

10mm. thick C.P. single coat in fair side of brick concrete wall for interior plastering upto floor two level finish even & smooth in c.m.1;4. 20=45 Smt 2,040=00
(S.O.R.P.88/I.No.17.58.(ii)).

Item No:-(17).

104.10
Cmt.

White washing with lime on undercoated wall surface (two coat) to give an even shade 1/c thoroughly broomng the surface to remove all dirt dust mortar drops and other foreign matter. 1=15 Smt 119=71
(S.O.R.P.91/I.No.1.18.11).

Qty/Unit ITEM Rate Per Amount.

Item No:- (18)

1.00 No.	Providing and fixing 20 x 15 x 2.5 cms. year plate of marble stone set in c.m. 1:4 including finishing & engraving finishing letters etc. complete.	117=00	No	117=00
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Item No:- (19).

4.32 Smt.	Cement concrete flooring 1;2;4 (1cement;2 coarse sand; 4 graded stone aggregate 20mm nominal size) laid in one layers finishing with a floating coat of neat cement 40mm. thick.	57=00	Smt	246=24
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(S.O.R.P. 81/I, No. 15. 4. (A) 71(a).

Rs. 24,609=93

Add. 5% contl. charges Rs. 1,230=49

Rs. 24,840=42

Add. 2 % W.C. charges.... Rs. 496=88

Cost of single unit..... Rs..... 25,333=23

∴ There for cost for two units (One for Boys and one for Girls)

Rs... 50,666=46

Say Rs... 50,670=00

ADDITIONAL ASSISTANT ENGINEER
TALUKA PANCHAYAT GODHRA.

M/
Taluka /Devilon ...
GODHRA. (Panchmahale)

Item No:-(1). Excavation for foundation upto 1.5m. depth including shorting out and stacking of useful materials and disposing of the excoavated stuff upto 50m.lead loose or soft soil.

L.W.	2 x 4.66 x 0.60 x 0.75	=	4.19	Cum.
S.W.	2 x 0.86 x 0.60 x 0.75	=	0.77	"
Septic Tank	1 x 3.00 x 1.50 x 1.50	=	6.75	"
			<u>11.71</u>	cum

Item No:-(2) Providing and laying C.C.1;5;10(1cement;5 coarse sand; 10 hand broken brick aggregate 40mm,nominal size)and curing complete excluding cost of form work in foundation and plinth.

L.W.	2 x 4.66 x 0.60 x 0.15	=	0.84	Cum
S.W.	2 x 0.83 x 0.60 x 0.15	=	0.15	"
Septic Tank	1 x 3.00 x 1.50 x 0.15	=	0.68	"
	3 x 1.20 x 1.20 x 0.15	=	0.65	"
			<u>2.32</u>	cum

Item No:-(3) Brick work using burnt clay building bricks having crushing strength not less than 35kg/sq. cm in foundation and plinth in cement mortar.
(B)conventional

L.W.	2 x 4.51 x 0.45 x 0.60	=	2.42	cum
S.W.	2 x 0.98 x 0.45 x 0.60	=	0.52	"
L.W.	2 x 4.41 x 0.35 x 0.45	=	1.38	"
S.W.	2 x 1.08 x 0.35 x 0.45	=	0.34	"
Septic Tank	2 x 3.00 x 0.23 x 1.35	=	1.86	"
L.W.				
S.W.	2 x 1.04 x 0.23 x 1.35	=	0.64	"
			<u>7.17</u>	Cum

Item No:-(4) Filling available excavated earth(excluding rock) in trenches plinth sides of foundation etc. in layers not exceeding 20cm.in depth consolidation each deposited layers by ramming and watering.

	3 x 1.20 x 1.20 x 0.30	=	1.29	cum.
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Item No:-(5) Brick work using common burnt clay building brick having crushing strength not less than 35kg/cm² in superstructure above plinth level upto floor two level.

L.W. 2 x 4.20 x 0.23 x 2.50 = 4.93 cum

S.W. 2 x 1.20 x 0.23 x 2.50 = 1.38 "

6.31 cum

Deduction: D3 x 0.90 x 0.23 x 2.10 = 1.30 "

V3 x 0.60 x 0.23 x 0.45 = 0.19 "

1.49 cum.

Net qty. 4.82 cum.

Item No:-(6) Half brick masonry in common burnt clay building bricks having crushing strength not less than 35kg/sq. cm in cement mortar 1;4 (1 cement; 4 coarse sand) in foundation and plinth.

2 x 0.90 x 2.10 = 2.81 SMT

Item No:-(7) Providing and fixing steel doors with shutters of frame 50 x 50 x 6mm angle iron 7.8 G 16mm sheets plates with hinges handle stopper lodging agran hement etc. complete work welded in built up section including hoisting two coats of oil painting over and coat of primer etc. complete.

3 x 0.90 x 2.10 = 5.67 SMT

Item No:-(8) Providing upto floor two level precast cement concrete jali or grill 1;2;4 Mix (1 cement; 2 coarse sand; 4 graded stone aggregate 6mm. nominal size) reinforced with 1;6 mm dia Mild steel wire including roughening cheleaning fixing and finishing in cement mortar 1;3 and curing complete.

(A) 50mm. thick.

3 x 0.60 x 0.45 = 0.81 SMT

Item No:-(9) Providing and laying ordinary cement concrete 1;2;4 (1 cement; 2 coarse sand; graded stone aggregate 20mm nominal size) for R. C. C. lintel including finishing smooth with curing etc. complete. including the cost of form work but excluding the cost of reinforcement.

Door :- 3 x 1.20 x 0.23 x 0.15 = 0.12 SMT

Item No:- (10) Ordinary cement concrete 1;2;4 (1cement; 2 coarse sand; 4 graded stone aggregate 20mm. nominal size) and finishing smooth with curing etc. complete including the cost of form work but excluding the cost of reinforcement to R.C.C. work in slab having more than 10mm. upto 13cm. thickness.

Slab	1 x 6.29 x 3.66 x 0.10	=	2.30 Smt.
Plinth septic tank	1 x 3.00 x 1.50 x 0.10	=	0.45 "
			<hr/>
			2.45 Smt.

Item No:- (11) Providing Mild steel reinforcement for R.C.C. work including bending and packing in position complete upto floor two level.

Lintel.	0.12 x 90 kg/M	=	10.80 Kg.
Slab.	2.75 x 65 "	=	178.75 Kg.
			<hr/>
			189.55 Kg.

Say. 190.00 Kg.

Item No:- (12) Providing and fixing water closet squatting pan (Indian type u.c. pan/size 580mm. (Earth work/bed concrete, foot rests and trap to be measured and paid for separately). (a) Vitreous china.

W.C. ... 1 No. = 1 No.

Item No:- (13) Constg. brick masonry chamber for under ground C.I. Inspection chamber and bands with bricks having crushing strength not less than 35kg cm² 2 C.M. 1;5.C.I. cover with frame (Light duty) 455 x 610mm internal dimensions total weight of cover with frame to be not less than 38kg/wt. of cover 23 kg and wt. of frame 15kg. (R.C.C. top slab with 1;2;4 Mix (1cement; 2 coarse sand; 4 graded stone aggregate 20mm. size) foundation concrete 1;5;10 inside plaster 15mm. thick with cement mortar 1;3 finished smooth with a floating coat of neat cement walls and bed concrete etc. complete.

1 x 3 = 3 Nos.

Item No: (4)

Providing and laying (two level or slopes and contouring with stiff mixture of cement mortar in proportion 1;2 salt glazed stone ware pipe following nominal diameters including testing of pipes and joints complete. (A) 100mm. dia.

$$3 \times 2 = 6.00 \text{ Mtr.}$$

$$1 \times 2 = 2.00 \text{ "}$$

$$8.00 \text{ "}$$

Item No:-(15) Providing and fixing S.W. gully trap with C.T. Grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300 mm size (Inside) with standard weight)

$$3 \text{ Nos.} = 3 \text{ Nos.}$$

Item No:-(16) 10mm. thick C.P. single coat in fair side of brick concrete wall for interior plastering upto floor two level finish even and smooth in c.m. 1;4.

$$2 \times 4 \times 1.20 \times 2.50 = 36.00 \text{ Smt.}$$

$$2 \times 4.29 \times 2.50 = 42.90 \text{ "}$$

$$2 \times 1.66 \times 2.50 = 8.30 \text{ "}$$

$$2 \times 4.41 \times 0.45 = 3.97 \text{ "}$$

$$2 \times 1.75 \times 0.45 = 1.60 \text{ "}$$

Inside
Inspection
chamber.

$$2 \times 3 \times 0.75 \times 1.35 = 6.08 \text{ "}$$

$$2 \times 1.00 \times 1.35 = 2.81 \text{ "}$$

$$101.66 \text{ Smt.}$$

Deduction:-

$$2 \times 1 \times 2.10 \times 0.90 = 1.89 \text{ "}$$

$$\text{Net qty.} = 99.77 \text{ SMT.}$$

Item No:-(17) White washing with lime on undercoated wall surface (two coat) to give an even shade including thorough broomming the surface to remove all dirt dust mortar drops and other foreign matter.

Witing

$$3 \times 1.20 \times 1.20 = 4.23 \text{ Smt.}$$

$$\text{Add. qty. of plastering of above} = 99.77 \text{ "}$$

I.No. 15.

$$\text{Total:-} \quad 104.09 \text{ Smt.}$$

Say. 104.10 SMT

Item No:-(18) Providing and fixing 20 x 15 x 2.5cms, year plate of marble stone set in c.m. 1;4 including finishing and engraving finishing letters etc, complete.

Year Plate :- 1 No.

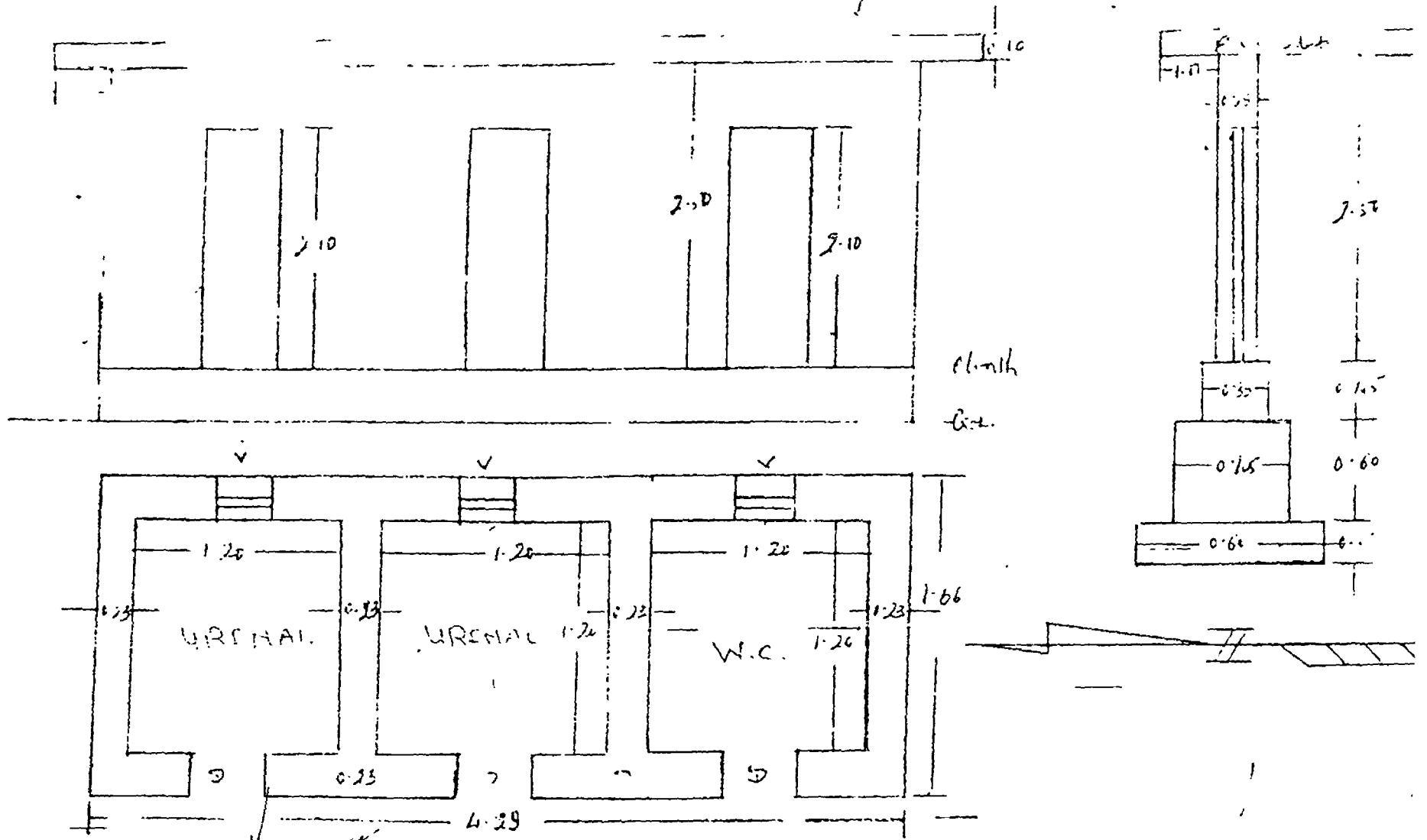
= 1 No.

Item No:-(19). Cement concrete flooring 1;2;4 (1cement;2 coarse sand; 4 graded stone aggregate 20mm, nominal size) laid in one layer finishing with a floating coat of neat cement, 40mm, thick.

3 x 1.20 x 1.20 = 4.32 SMT.

-: : :-

Name of work - Constructing W.C and Urinal at village



~~J.P.~~
 Acad. Asst Engg
 T.P. Godhra

~~T.P.~~
 T.P.O
 Godhra

D.E.E (P)
 Godhra

with installation of Handpump in _____ village

Taluka in Panchmahal District.

Under Programme 19 - -

Location : _____

ABSTRACT

Qty.	Unit	Item	Rate	Per	Amount
60	Mts.	Drilling 165 mm dia bore in over burden strata and further drilling of 110/115 mm dia bore in all type of strata,	205/-	Mts.	12300/-
10	Mts.	Providing and lowering of 125 mm dia ERW Pipe (ISI-1239) heavy duty in over burden strata.	325/-	Mts.	3,250/-
1	No.	Providing and fixing of M. S. bore plug.	45/-	No.	45/-
30	Mts.	Providing 32mm G. I. pipe with coupling cutting threading labour charges (ISI-1239)	85/-	Mts.	2,250/-
1	Set	Providing I. M. II. H. P. Complete Unit.	4000/-	Set	4,000/-
0.30	Mt.	Supply of the material cement	2400/-	Mt.	720/-
Job.	LS.	Installation of I. M. II H. P. as per UNICEF specification complete with carting lowering platform making etc. with providing sand metal etc. without cost of cement. and H. P.	660/-	L. S.	660/-
	Bore	Charges for Geological survey work	550/-	Bore	550/-
					24075-00
				Add. 12% E.T.P. Charges	2889-00
					26964-00

Total Amt. 27,000 X _____ bores X Rs. _____

Imp. Note :- Rates of materials will be taken as per prevailing market rates at the time of execution of works.

This estimate is valid only if work is carried out by GWSSB. Technically sanctioned for Rs. _____ and entry made in T. S. Register page No. _____ on date _____

Executive Engineer,
P. H. Mechanical Division,
Guj. water supply & Sew. Board.
GODHRA.

Deputy Ex. Engineer,
P. H. Mech. Sub-Division
Guj. Water Supply & Sew Board

અંદાજ

ખાં. ભવ. ૩૩૮ બ. (સુધારેલ)

ડીવીઝન :- જાહેર આરોગ્ય યાંત્રિક વિભાગ, ગુજરાત પાણી પુરવઠા અને ગટર વ્યવસ્થાઓર્ડ, ગોધરા.
સને ૧૯૯૯ ૧૯ ના મંજુર થયેલ અંદાજને
નાણાંકીય સદર A/c. No,

ગૌણ સદર _____ સેવાનુ સદર

A/c. No. _____ Drilling work under _____
Programme in _____

Village of _____ Taluka in Panchmahals District.

(100mm 60 Mtrs. bores _____ Nos

વિભાગનું સદર _____

માં થનાર _____ સંલવિત ખર્ચના અંદાજ

નાયબ ઠાકર પાલક ઇન્જનેરશ્રીની કચેરીમાં તૈયાર કરાવેલ રૂ.

તા. _____ ૧૯ ના નં. _____ હેઠળ વહીવટી ખાલાલી મળી છે.

તા. _____ ૧૯ ના અંદાજશ્રી _____

એ તૈયાર કર્યો છે અને તેની ચકાસણી _____

એ કરી છે.

(કેલ કે હુકમ) _____

(સામાન્ય વહીવટ)

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Date 14-12-95

NIEPA DC



D08915

Deputy Executive Engineer
P. H. Mechanical Sub-Division.
Guj Water Suplly & Sew. Board.

Note :- We do guarantee for the quantity and quality of water available in the boi

15/05/14