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GOVERNMENT OF MIZORAM

DRAFT

8th FIVE YEAR PLAN (1990—95)

&

ANNUAL PLAN 1991—92

Planning & Programme Implementations Deptt. Mizoram.

DRAFT 8TH FIVE YEAR PLAN 1990-95
& ANNUAL PLAN 1991-92

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DRAFT 8TH FIVE YEAR PLAN 1990-95

~~AND ANNUAL PLAN 1991-92~~

MIZORAM

INTRODUCTION :

Mizoram occupies a very strategic position in the North Eastern corner of India having an International boundary of 710 Km and covers an area of 21,081 Sq.Kms. The Tropic of Cancer runs through the State of Mizoram. It is bounded on the North by the States of Assam and Manipur, on the East and South by Chin Hills of Burma and on the West by Chitagon Hill Tracts in Bangladesh and the State of Tripura. It is linked with the State of Assam on the North of the State.

The hill areas of Mizoram enjoy cool temperate climate. The average annual rainfall is 217.5 C.M. The temperature varies between 12^o Centigrade to 18^o Centigrade in Winter and 18^o Centigrade to 29^o Centigrade in Summer.

For administrative purposes Mizoram is divided into three Districts namely, Aizawl District, Lunglei District and Chhimitupui District. Aizawl District is divided into four Sub-Divisions namely, Aizawl 'S', Kolosib, Champhai and Mamit. The Chhimitupui and Lunglei Districts are divided into three and two Sub-Divisions respectively. Each District is incharge of Deputy Commissioner while each Sub-Division is under administrative control of Sub-Divisional Officer. Chhimitupui District is further divided into three District Councils. Since the Chhimitupui District is a comparatively backward district in Mizoram, special attention has been given to the district and as such, Sub-Plan for three District Councils has been formulated since 1982-1983.

BRIEF STORY OF FIVE YEAR PLANS AND

ANNUAL PLANS - MIZORAM

Prior to 1972, Mizoram was one of the Districts of Assam. During this period a very small amount was spent for Mizoram and the outlays for the first three Five Year Plans were as given below :

1. First Five Year Plan (1952-56) - Rs. 63.02 lakh
2. Second " " (1956-61) - Rs. 210.83 lakh
3. Third " " (1961-66) - Rs. 411.42 lakh

During the first three years of the Fourth Five Year Plan (1969-72) the following were the plan expenditures in Mizoram:

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1969 - 1970	Rs. 101.61 lakh
1970 - 1971	Rs. 176.42 lakh
1971 - 1972	Rs. 205.18 lakh

Since Mizoram attained the status of U.T. in January 1972, the Planning Commission approved an outlay of Rs.275.00 lakhs for Mizoram for the Annual Plan of 1972-73. This outlay was enhanced to Rs.437.00 lakhs in the later part of the year. Out of this provision only Rs.355.23 lakhs was actually spent.

During 1973-1974, Rs.600.00 lakhs was allotted for Mizoram out of which only Rs.573.73 lakhs was actually spent.

During the Fifth Five Year Plan (1974-79) Rs.46.59 crores was allotted for Mizoram whereas the outlay for the country was Rs. 39,303.24 crores.

A new 6th Five Year Plan was formulated for the period of 1978-83. In this 6th Five Year Plan, Rs.128.47 crores was allotted for Mizoram whereas the outlay of the country was Rs. 71,000.00 crores. But the said 6th Plan was not completed as there was a change in Central Ministry.

Before commencement of the new 6th Five Year Plan (1980-1985) there were two annual Plans i.e. 1978-79 and 1979-80. During these two years the outlays for Mizoram Annual Plans were Rs.16.64 crores and Rs.17.72 crores respectively and actual expenditure during these two years were Rs.14.62 crores and Rs. 16.11 crores respectively.

During the Sixth Five Year Plan 1980-1985 Rs.130.00 crores was allotted originally for Mizoram whereas the original outlay for the country was Rs.97,500.00 crores. At the terminal year of the 6th Plan, the actual Plan expenditure during 6th Plan amounted to Rs. 150.09 crores.

BRIEF NOTES ON THE DEVELOPMENT OF MIZORAM
DURING THE 7TH PLAN (1985-90)

For the 7th Five Year Plan 1985-90, the Planning Commission allotted only Rs.260.00 crores for the State of Mizoram against which the total approved outlays for the 5 Years Annual Plans comes to Rs.364.50 crores and the actual expenditure during the 7th plan was Rs.363.98 crores.

The following are important achievements made during the 7th Five Year Plan :-

1. AGRICULTURE :

1.1 As Mizoram is a hilly area, only 9,100 Ha was created for W.R.C. upto the end of the 6th Plan. The area for W.R.C. has been increased to 10,641 Ha. in 1987-88. By the end of the 7th plan, 14,298 Ha. of land had been created for W.R.C. It is expected to create 2500 Ha. of land during 1990-91.

1.2 Regarding foodgrain production, 73,082 MT will be produced in 1990-91 of which 59,000 MT will be rice, 9,082 MT of Maize and 5,000 MT of pulses. The actual requirement of foodgrain in Mizoram is about 1,00,000 MT at present.

2.0 A.H. & VETRY

During the 7th Plan period, 2(two) additional Vety Complexes at Lunglei and Mampui were established. Additional 5 Divisional Offices were also opened. Frozen Semen Plant was also set up by purchasing Liquid Nitrogen Plant in 1987-88. Regional Broiler Seed Farm was established at Tanhril during the 7th Plan period and school of Veterinary Science and Animal Husbandry was also established.

2.1 Under Biogas Development, 500 Biogas plants were set up during the 7th Plan and another 110 will be set up in 1990-91.

3.0 FOREST :

From 1961 onward, it has been created 99,640 Ha. of land for forest plantation in Mizoram, additional 3100 Ha. of land had been created for plantation in 1989-90. Hence the total area created for plantation of various species in Mizoram by the end of the 7th plan was 1,02,740 Ha. During 1990-91 additional 3000 Ha. will be created for plantation.

4.0 POWER & ELECTRICITY :

During the 7th plan, two Minihydel Projects viz: Khawiva Minihydel project (3x350 KW) and Tuirivang Minihydel Project (3x100 KW) has been completed. Another three Mini-hydel Projects viz: Tuipui (2x200x1x100 KW), Tuisumpui (3x150 KW) and Maicham (1x1000x2x500 KW) have been taken up which are spilled over to the 8th Plan and will be completed in the early part of 8th Plan.

4.1 Regarding Rural Electrification, out of the total inhabited 721 villages in Mizoram, 357 villages had been electrified by the end of the 7th Plan period. It is expected that 50 villages will be electrified during 1990-91.

5.0 WATER SUPPLY :

Out of the total 721 Villages in Mizoram 142 Villages were given Water supply by the end of the 6th Plan. Another 480 Villages were given water supply during the 7th Five Year Plan. Hence 622 Villages were given water supply by the end of the 7th Plan period. During 1990-91 68 village is targetted to cover. If 68 villages are covered all villages in Mizoram will get water supply.

5.1 Under Urban water supply schemes, Greater Aizawl Water Supply Phase-I had been completed during the 7th Plan. Greater Lunglei Water Supply scheme was taken up from 1989-90 and has been spilled over to the 8th Plan. This scheme is expected to complete during 8th Plan period.

6.0 ROAD & BRIDGES :

Under Road out of total 721 villages in Mizoram 623 villages were connected by Road by the end of 7th Plan. During 7th Plan the following achievement was made under Road scheme- 385 Kms formation cutting, 159 Kms Improvement and Widening, 236 Kms Solling and metalling, 139 Kms Black topping, 1109 Kms Cross Drainages and 1150 permanent works.

6.1 The following Major Bridges were also completed by 7th Plan period such as

- (a) Tlawng Bridge on Lunglei - Thenzawl Road,
- (b) Vanva Bridge on Lunglei - Thenzawl Road,
- (c) Tuisumpui Bridge on Lawngtlai - Saiha Road and
- (d) Tuichhuahen Bridge on Kolosib - Bairabi Road.

6.2 During 7th Plan period 1(one) Mechanical Circle, Mechanical Division-II and Hmuifang Division were established.

6.3 Minimum Need Programme : The following achievement was made under Road scheme such as 302 Kms formation cutting, 102 Improvement and widening, 972 Nos. of Culvert and Minor Bridges, 67 Kms Solling and metalling and 8 Kms Black topping.

The overall achievement under Road and Bridges is limited due to the constraint fund allocation.

7.0 ROAD TRANSPORT :

During the 7th Plan 98 Buses had already been purchased. Another 20 Buses will be purchased in 1990-91. Hence 118 Buses will be held by the Department.

7.1 Central Workshop at S.Hillmen was also completed during the 7th Five Year Plan.

8.0 INDUSTRY :

8.1 Ginger Oil & Oleoresin plant and Dehydration plant at Sairang had been completed in 1987-88 and Maize processing unit at Khawzawl is also expected to be completed during 1990-91.

8.2 Fruit Juice concentrate at Chhingchhip with an estimated cost of Rs.95.30 lakh has been taken up during 7th Plan and it is expected to complete it by the end of the 8th Plan period.

9.0 MEDICAL :

9.1 Minimum Need Programme : During the 7th Five Year Plan⁷ establishment of 3 C.H.C., 15 P.H.C. and 58 Sub-Centres were achieved by the end of the 7th Plan against the targetted of 4 C.H.C. and 18 P.H.C. and 58 Sub-Centres.

9.2 Extension of Aizawl Civil Hospital for 300 bedded capacity was completed by the end of the 7th Plan.

10.0 SOCIAL WELFARE :

10.1 Creches/Day care centre in addition to 22 centres already opened during the 6th Plan, another 13 centres had been opened during the 7th Plan period.

10.2 Under welfare of handicapped persons, 488 handicapped persons had been rehabilitated during the 7th Plan period against the target of 340 persons only.

10.3 Under welfare of Poor & Destitute; 625 old aged were given pension during the 7th Plan period.

11.0 POLICE HOUSING :

Target for construction of Staff quarters during the 7th Plan period was 525 Nos. against which only 442 quarters was constructed. The reasons for not achieving the target is being financial constraint. The target for 8th Plan is 589 Nos. of Staff quarters and during 1991-92 is 134 Nos. of quarters to be constructed.

MIZORAM - BASIC INFORMATION

Area	Sq.Kms.	21081
<u>Administrative Structure</u>		
	No.	
District	"	3
Sub-Divisions	"	9
Development Blocks	"	20
Villages (1981)	"	737
Towns	"	6
District Councils (Chhimituipui District)	"	3
<u>Demography</u>		
Population (1981)	Lakhs	4.94
1971-81 Decennial Growth Rate	%age	48.55 (India-25.0)
Density of Population	No.of females per 1000 males	23 (India-216)
Sex ratio		919
Rural population	%age to total	75.3
Urban population	"	24.7
Scheduled Tribes	"	93.5
Literacy Rate	"	59.9 (India-36.2)
<u>Economic Classification of Workers</u>		
Total Workers	%age of total population	41.7
i) Cultivators	%age of total Workers	70.6
ii) Agricultural labourers	"	2.5
iii) Household Industry Workers	"	0.9
iv) Other & Marginal workers"		26.0
<u>Important Economic Indicators</u>		
Foodgrains production	1989-90 Lakh tonnes	0.725
Average Yield of Rice	1989-90 Qtls/ha.	11.5 (India-15.68 in 1987)
Fertilizer Consumption	1989-90 Kg/ha	20 (India-48.7 in 1987)
Net irrigated areas as %age to net sown area	1989-90 %age	12.00
Per capita power consumption	31.3.90 KWH	78 (India-201 in 1988)
Road Length (excluding National Highways)	31.3.90 Km	4408.16 4026
Road length (excluding National highways) per 100 Sq.Kms.	" Kms	20.4 4.87

Health Sub-Centres	31.3.90 Nos.	220
Primary Health Centres	31.3.90 Nos.	33
<u>Villages (1981) = 737</u>		
Villages electrified	31.3.90 Nos.	357 (48.43%)
Villages connected by road.	" 90 Nos.	623 (84.53%)
Villages with Water supply	31.3.90 Nos.	622 (84.39%)

PROPOSED ANNUAL PLAN 1991-92 AND
8TH FIVE YEAR PLAN 1990-95

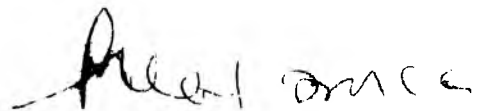
The Mizoram State Planning Board thoroughly discussed the draft Annual Plan 1991-92 as well as the draft 8th Five Year Plan 1990-95. The State Planning Board, after examining the Plans, decided to give priority to the following sectors for the coming 8th Five Year Plan as well as the Annual Plan 1991-92 :-

- 1) Production of foodgrain crops
- 2) Power & Electricity including Rural electrification
- 3) Rural Roads
- 4) Rural Water Supply
- 5) Village & Small Industries

The State Planning Board proposed an outlay of Rs.189.17 crores for the Annual Plan 1991-92 and the approved outlay for 1990-92 was Rs.102.00 crores. The Board also proposed Rs.1047.04 crores for the 8th Five Year Plan (1990-95)

The proposed outlay of 8th Five Year Plan contained Rs. 71,254.45 lakh of Rural Component outlay (i.e. 46.7%). For the Annual Plan 1991-92, 64.6% of the proposed outlay will be for Rural component.

The proposed 8th Plan will generate 40,619 regular employment and 661.39 lakh of person days in construction phase. The proposed Annual Plan 1991-92 will also generate 13,332 regular employment and 98.33 lakh of person days in the construction phase.



(H. LAL THLAMUANA)
Development Commissioner,
Government of Mizoram.

Rs. in lakhs

Head/Sub-head of Development.	7th Plan(1985-90)		Proposed 8th Plan (1990-95)	%increase of 8th Plan from 7th Plan (Expdr.)	1990-91		%increase of Annual Plan 1991- 92 from AP 1990-91
	Agreed Outlay	Actual Expdr.			1990-91 Annual Plan Approved	1991-92 proposed Outlay	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
13. Industry, Mines & Minerals	865.00	1551.98	5070.00	224.5	675.00	710.00	5.1
14. Sericulture	450.00	393.62	1050.00	166.7	140.00	168.00	20.0
15. Roads & Bridges	5100.00	5547.00	13000.00	130.2	1699.00	2040.00	20.00
16. Road Transport	600.00	687.62	1220.00	77.4	162.00	195.00	20.3
17. Inland Water Transport	30.00	30.08	80.00	166.6	10.00	12.00	20.0
18. Motor Vehicle wing	35.00	25.22	80.00	217.2	8.00	12.10	51.2
19. Science & Technology	20.00	67.00	250.00	273.1	30.00	60.00	100.00
20. Planning	35.00	45.13	80.00	77.2	8.00	12.00	50.0
21. Tourism	120.00	164.00	300.00	82.9	40.00	50.00	25.0
22. Economics & Statistics	45.00	48.78	80.00	64.0	10.00	13.00	30.0
23. Civil Supplies	150.00	134.29	250.00	861.1	32.00	45.00	40.6
24. Weights & Measures	20.00	25.00	70.00	180.0	9.00	13.00	44.4
25. District Councils	200.00	1563.76	4860.00	210.7	650.00	782.00	20.3
26. Elementary Education	825.00	1048.35	2820.00	168.9	317.00	450.00	41.9
27. Secondary Education	480.00	544.80	900.00	65.1	94.00	140.00	48.9
28. University & Higher Edn.	210.00	301.95	1160.00	284.1	134.00	160.00	19.4
29. General (Education)	285.00	340.75	1120.00	228.6	252.00	209.40	16.9
30. Technical Education	180.00	85.25	280.00	228.4	60.00	70.00	16.6
31. Adult Education	125.00	221.34	700.00	217.2	90.00	110.00	22.2

contd.... 3/-

(Rs. in lakhs)

Head/Sub-head of Development.	7th Plan (1985-90) Agreed Outlay	Actual Expdr.	Proposed 8th Plan (1990-95)	%increase of 8th Plan from 7th Plan	1990-91 Annual Plan Approved	1991-92 proposed Outlay	% increase of Annual Plan 1991- 92 from AP 1990-91
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
32. Arts & Culture	75.00	197.73	540.00	265.4	70.00	85.00	21.4
33. Medical	1400.00	1517.97	4000.00	163.5	400.00	878.00	119.5
34. Water Supply	3000.00	3671.45	7002.00	90.7	933.00	1410.00	51.1
35. Police Housing	400.00	467.05	700.00	49.8	90.00	120.00	33.3
36. Govt. Housing	300.00	285.08	575.00	101.6	76.00	95.00	25.0
37. Urban Housing (LAD)	200.00	202.00	2,703.00	1238.1	144.00	496.30	244.6
38. State Capital Project	400.00	468.32	1,170.00	149.8	155.00	190.00	22.5
39. Town & Country Planning	60.00	65.49	173.00	164.1	23.50	27.00	14.8
40. Slum Area Improvement	15.00	15.00	13.00	(-) 13.3	-	1.00	-
41. Other Urban Development	75.00	275.75	1,228.91	367.4	125.00	295.92	136.7
42. Information	70.00	145.56	380.00	161.0	50.00	60.00	20.00
43. Labour & Employment	40.00	73.59	190.00	158.1	25.00	30.00	20.0
44. Social Welfare	160.00	208.56	400.00	91.6	52.00	62.00	19.2
45. Nutrition	150.00	361.42	750.00	107.5	100.00	120.00	20.0
46. Jails	-	195.00	420.00	115.3	25.00	100.00	300.0
47. Stationery & Printing	230.00	261.00	190.00	(-) 27.2	25.00	30.00	20.0
48. Public Works Buildings	400.00	255.04	850.00	233.2	110.00	140.00	27.2
49. Administrative Training	50.00	39.00	100.00	155.4	10.00	15.00	50.0
GRAND TOTAL	26,000.00	36391.7	104,704.91	187.7	12,500.00	18,917.68	51.3

DRAFT 8TH FIVE YEAR PLAN AND ANNUAL PLAN 1991-92

AGRICULTURE

I N T R O D U C T I O N

During the 8th Five Year Plan, two new department will emerge from the parent Agriculture Department, Those are Horticulture Department and Fishery Department for which approach paper for the 8th Plan have been prepared separately.

The strategies for Agriculture Department during the 8th Plan will be as follows :-

1. Under foodgrain development, it is targetted to introduce double/triple cropping on irrigated areas with High Yielding Varieties and by effecting improvement on jhum with the help of Agriculture inputs.
2. To take up extensive cultivation of Maize, Wheat and Tapioca to meet the local requirement of animal feed and to meet the raw-materials requirement of the flour mills to be set up by the Industries Department in the public and the private sector. If the processing units go well, we may go to the extent of exporting the products to the other States.
3. It is also envisaged to take up cultivation of oilseeds on commercial line. So far cultivation of oilseeds suffers set back due to absence of processing units. In the 8th Plan Mizoram Food and Allied Industries Ltd., is being set up by the Industries Department which will provide processing units in the State. With the extensive cultivation of sesamum, mustard and soyabean, it is aimed at self sufficiency at terminal year of the 8th Plan.
4. With proven success of cultivation of various varieties of pulses in the State. It is aimed at self sufficiency at the terminal year of the 8th Plan by extensive and intensive cultivation of Lentil, pea, arhar, moong, urd, rice-bean, french bean and cow-pea.

5. The existing soil and seed testing laboratory in the State will be strengthened with the help of mobile Soil Testing Van and with a provision to take up analysis of Pesticide Protection Chemicals and fertilizers.

To help the cultivators raise productivity level of their crops, it is aimed at boosting up the present level of consumption of fertilizers from 20 to 51 Kgs. per hectare in the 8th Plan.

6. It is proposed to take up one production Complex Project at North Vanlaiphai in Tuiphal Catchment areas.
7. It is also proposed to establish agriculture farms of 20 hect. unit at Mat Valley, Teirei Valley or Palak Valley on flatlands exclusively for production of seeds of High Yielding Varieties of Cereals Crops, Pulses and Oilseeds.

According to the demarcation of 15 Agro-Climatic Regions in the country. Mizoram falls under Sub-Region No (iii) of Eastern Himalayan Zone II. It enjoys tropical and Sub-Tropical climate where most of the Horticultural crops flourish.

Out of the total areas of Mizoram 21 lakhs hectares potential area i.e. gentle to moderate slope, available for horticultural plantation is around 4.40 lakhs hectares. The existing areas under horticulture of 5,600 hectares accounts 1.25 percent of the total potential areas. Hence, there is a vast scope for horticulture activities in Mizoram.

In view of the availability of vast potential areas for horticulture development, the need of the people for nutrition and to derive substantial income to improve the economy of the poor cultivators, it is proposed to speed up horticultural development by creating a separate Directorate from the second year of the 8th Plan.

HEAD OF DEVELOPMENT : CRIP HUSBANDRY
NAME OF THE SCHEME : DIRECTION AND ADMINISTRATION

Ull the end of 7th Plan period, there have been five Agricultural Districts, 11 (eleven) Sub-Divisions and 47 (forty seven) Circles under the Control of Director of Agriculture who is assisted in the head quarter by one Joint Director and supporting staff. In addition to this there is one Joint Director of Fisheries supported by 3(three) District Fisheries Development Officers. Besides these, Integrated Training Centre headed by Principal and Krishi Vigyan Kendra headed by a Training Organiser also come under the direct control of the Director of Agriculture. Since Horticulture and Fisheries will be bifurcated during the 2nd Year of 8th Plan bare minimum posts required to strengthen the existing organisation particularly in the Directorate and field level including one Farm Machinery Division are proposed to be created during 8th Plan period.

During the 8th Plan it is also proposed to open one New Agriculture District at Chawngte, in Chakma autonomous district council with one Sub-Division at Borapansury. In addition another three Sub-Divisions will come up at Kawrte-thawveng, Darlawn and N. Hlimen. Necessary posts required for District and Sub-Divisions will also be created for smooth functioning.

During 7th Plan 149 Nos. of buildings like Staff quarters, godowns, staff lodge had been constructed. However, with the increase of Officers and Field Staff, it has become necessary to construct 100 Nos. of buildings for Officers, godown and Staff Quarters for proposed new district and Sub-Divisions.

In the State capital, Aizawl where plots of land are very rare and hear the Department of Agriculture is still having a vacant plots adjacent to the existing Directorate building. There it is proposed to construct a Multi-Storey Concrete building to house Offices of Fisheries, Minor Irrigation Division and Offices of Districts Aizawl West and East by vacating rented private houses. Apart from creating permanent assets it will also eliminate monthly payment of house rent to the private parties and effect economic. Construction of the building may be started during 1991-92 with a taken provision of Rs.12.00 lakhs.

To facilitate supervision of field work, it is proposed to purchase 20 Jeeps, 1 Cars and 5 Tata Trucks during 8th Plan Period. This includes replacement of existing vehicles also.

1. Approved 7th Plan Outlay - Rs. 220.00 lakhs.
2. Actual Expenditure during 7th Plan - Rs. 349.76 lakhs.
3. Proposed Outlay for 8th Plan - Rs. 325.00 lakhs.
4. Physical Targets :

Sl. No.	Item	Unit	8th Plan Target 1990-95	Approved Target 1990-91	Proposed Target 1991-92
1.	Officers & Staff at Hq/ District/Sub-Division.	.			
	a) Officers	No.	20	-	2
	b) Staff	No.	78	-	16
2.	Wages	No.	LS	LS	LS
3.	Construction of buildings like quarter, Office, godown etc.	No.	100	20	20
4.	Purchase of Vehicle :				
	a) Jeeps	No.	20	-	5
	b) Cars	No.	3	-	2
	c) Trucks	No.	5	-	-
5.	Maint. of existing buildings.	No.	340	340	340
6.	Misc. contingencies	-	LS	LS	LS
7.	Maint. of Vehicle	No.	28	7	15

5. Financial Target (Rs. in Lakhs)

Sl. No.	Items	Proposed Outlay for 8th Plan 1990-95	Approved Outlay 1990-91	Proposed Outlay 1991-92
1.	Salaries/T.A.	55.00	-	5.00
2.	Wages	20.00	4.00	4.00
3.	Construction of buildings and Staff Quarter in the rural areas.	13.00	24.00	30.00
4.	Construction of Office building at Aizawl.	50.00	-	12.00
5.	Purchase of Vehicle and Maintenance	42.00	2.00	10.00
6.	Maintenance of building (Existing)	45.00	8.00	8.00
7.	Misc. Contingency	32.00	2.00	5.00
TOTAL :		375.00	40.00	74.00

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : FOODGRAIN DEVELOPMENT

Mizoram is still deficit in foodgrain production. While the actual requirement during the last year was around 90,000 MT of rice the production of rice which is the main staple food of the Mizos stood at 59,000 MT. The annual production of 1989 - '90 is as follows :-

Sl No	Year	Area (Ha)	Production (MT)	Productivity/ hect. in MT
1.	Jhum	38,349	34,300	0.89
	WRC	<u>15,427</u>	<u>24,700</u>	1.60
		53,776	59,000	

The other items of food grain commonly cultivated in Mizoram includes only maize as wheat is not yet popularly cultivated. The production of Maize during 1989-90 stood at 10,500 MT.

In order to achieve more production it is necessary to develop more fresh potential flat lands available in the State, put more areas under High Yielding Varieties and to raised double/Triple crops a year with the help of irrigation. To that direction it is proposed to bring 20,000 hect. of fresh area under cultivation during the 8th Plan of which 3,500 hect. is targetted in 1991-92.

In Mizoram jhum is still pre-dominant covering an area of 38,000 hect. on the hill slope which of course comes down annually drastically. At the end of the 8th Plan it is expected to come down around 20,000 hect. only. Shrinkage of jhum area year after year is due to decrease in productivity followed by narrowing down of the jhum cycle. Added to that many in the village have started taking up more profitable business. At the same time it is the intention of the State Government to abandon jhuming and to switch over into permanent cultivation so as to restore back fertility of the soil, rebuild forests and convert the retrieved land for meaningful purposes. The existing net cultivation area of W.R.C. is only 15,000 hect.

Since, the Department is maintaining 18 bulldozers, 10 tractors and other machineries a Mechanical Sub-Division has been sanctioned during 1990-91 without creating any post. Therefore, it will be necessary to create necessary supporting posts during 1991-92 for Mechanical Sub-Division.

Since rice is taken as the only food by Mizos the main foodgrain crops in Mizoram for this purpose means only rice. The soils and climatic condition of Mizoram are quite suitable for raising other foodgrain crops to compensate the total rice requirement. During 8th Plan attempts will be made to increase the area of rice, maize and wheat for higher foodgrain production.

a) Rice (H.Y.V.)

The existing paddy fields are grown with several varieties of rice. Many of which could not be properly identified through ages of cultivation. Recently attempts have been made to replace some percentage of the population in WRC areas with HYV like Jaya, the performance of which have been successfully tried in the cultivators' field in the State. Other HYV like IR-36, IET Series, Masuri, Pankaj, Prasad, Pusa-33, TRC-10, DR-92 and MW-10 etc. which have been found successful in Mizoram will also be introduced to replace the local ones.

The productivity of rice as recorded in 1988-89 on jhum land was 0.88 MT per hect. and on WRC 1.55MT per hect. as compared to 1.56 MT per hect. of all India average of 1985-86.

Of the total existing area of WRC 13,147 Ha. the area under irrigation is only 5,765 hect. The anticipated achievement in 1989-90 is 440 hect. The net irrigated area in Mizoram is only 7.7 percent (1988-89) against all India average of 26.7 percent (1980-81). Attempt will be made to bring at least 20% net irrigated area by the end of 8th Plan and also bring down the jhum area year after year and to put more area under WRC including double cropping with irrigation.

For supply of seeds of 93.84 MT for replacement of 10% of HYV at the initial stage will cost Rs. 4.59 lakhs.

b) Maize

Maize is the 11th major foodgrain crops grown in Mizoram. Local variety and composite maize is common. During 8th Plan cultivation of maize will be taken up on commercial line as demand for the same will go up with the setting up of flourmills in the public sector at Phawzawl and Private Sector at Zuangtui and also to meet the requirement of livestock farms and cattle rearers on feeds.

Initially 7,500 Ha. will be covered which will go upto 10,500 Ha. at the end of 8th Plan. 10 percent of the areas may be covered with hybrid maize which will be replaced every year at the cost of Rs. 3.00 lakhs a year.

c) Wheat

Wheat is not consumed locally but it has been successfully tried at Champhai and other areas some time ago. In absence of local demand cultivators do not continue its cultivation. Now the flour-mill will come up and cattle rearing as main occupation will also be expanded which will provide market as cattle feed and in the shape of flour for human consumption. Therefore it is proposed to bring 2,000 Ha. under Wheat cultivation which will produce 4,000 MT of grains a year of which will be required to purchase seed in the 1st year of the 8th Plan after which the cultivators will arrange seeds by themselves.

1. Approved Outlay during 7th Plan - Rs. 290.00 Lakhs.
2. Expenditure during 7th Plan - Rs. 615.20 lakhs.
3. Proposed Outlay 8th Plan - Rs. 1606.00 lakhs.
4. Approved Outlay 1990-91 - Rs. 200.00 Lakhs.
5. Proposed Outlay 1991-92 - Rs. 220.00 Lakhs.
6. PHYSICAL TARGET :

Sl No	Particulars	Unit	8th Plan Target	1990-91	1991-92
A. Land Development :					
1)	Staff	No.	40	40	40
2)	Land Development by Machineries				
a)	Fresh area	'000 Ha.	12.5	2.5	3.50
b)	Improvement of existing area	"	10.0	2.0	1.00
3)	Purchase of Tractor & Power Tiller	Nos.	40	20	20
4)	Const. of Agril. Link Road and Maintenance	KM	200		30

Sl No	Particulars	Unit	8th Plan Target	1990-91	1991-92
5)	Maint.of Machineries	No.	78	38	78
6)	Purchase of Jeep & Trucks	No.	4	-	2
7)	Area to be put under double cropping	'000 Ha.	60.00	12.00	12.00
8)	Area to be put under HYV rice cultivation	"	28.50	5.70	5.70
9)	Production of rice	'000 MT	120.00	24.00	24.00
10)	Area to be put under Maize	'000 Ha	44.00	7.50	8.00
11)	Area covered by HYV	"	4.00	0.75	0.75
12)	Production of Maize	'000 MT	96.00	16.50	17.50
13)	Area to be put under Wheat	'000 Ha	2.00	0.40	0.40
14)	Production of Wheat	'000 MT	20.00	4.00	4.00
15)	Seed to be purchased for distribution				
	1) Rice	'000 MT	2.00	0.50	0.60
	ii) Maize	"	2.00	0.40	0.50
	iii) Wheat	"	0.10	0.10	-
16)	Raising community nurseries for Rice		400		50

7. FINANCIAL TARGET :

(Rs. in lakhs)

Sl No	Particulars	Proposed 8th Plan Target	Approved 1990-91	Proposed 1991-92
1	2	3	4	5
1.	Salary of Staff	100.00	5.00	10.00
2.	Operational cost of Land Development			
	a) Fresh area	660.00	75.00	160.00
	b) Improvement of existing area	400.00	40.00	10.00
3.	Cost of Tractors/Power Tiller with drawn implement	100.00	25.00	-
4.	Const.of Agril.Link Road and Maintenance	100.00	16.00	10.00
5.	Purchase of Jeep & Trucks	10.00	-	3.50
6.	Purchase of Tools for maintenance of Machineries	5.00	-	1.50
7.	Distribution of HYV rice, composit Maize, HYV Wheat and Raising <u>Community nurseries of Rice</u>			
	1) HYV Rice	150.00	20.00	12.00
	2) Composit Maize	60.00	10.00	10.00
	3) HYV Wheat	6.00	6.00	-
8.	Transportation charge	15.00	3.00	3.00
	TOTAL :	1,606.00	200.00	220.00

NAME OF DEVELOPMENT - CROP HUSBANDRY
NAME OF THE SCHEME - AGRICULTURE FARM AND QUALITY SEED PRODUCTION

With the proposed bifurcation of Horticulture from Agriculture Department into a full-fledged Department some farms such as Vairengte, Thingdawl, Thenzawl, Champhai, Chawngtlai, Rihta and Nuihbawi are also being transferred to the New Department for further development into nurseries, orchards and Vegetable production.

In the Agriculture Department there will be a new approach towards selection of site for farms. Sizeable units of farms will be established in the low lying areas preferably on flatlands for production of quality seeds for cereal crops, pulses and oilseeds for which it is proposed to establish suitable seed production farm measuring not less than 20 hectares in place of Mat Valley, Teirei Valley and Palak Valley. Bigger farms are more paying for machineries like Tractors and Power Tillers can be deployed therein to substitute human labour forces which cost very high.

Mizoram is grossly deficit even in the present requirements of the recommended varieties of improved seeds. Dependence on supply from outside the State often results in unusual time lag in supply of seeds. The uncertainty about the timely supply of seeds in requisite quantity hinders progress of H.Y.V. technology. By rough estimation 10-15% of the area in Mizoram have been brought under H.Y.V. and all the total quantity of improved seeds required by the adoptors (20%) is met from outside the State. Supply of seeds to adoptors will increase day by day to approx. 5 to 6% annually. Therefore, it is extremely necessary that the State becomes self sufficient in its quality seeds within a reasonable period of time. Efforts will be taken to boost up production of quality seeds of foodgrains of improved varieties of short duration ones to meet the requirement of the cultivators particularly on W.R.C. area of 35,000 hectares proposed to be brought during 8th Plan Period.

At present the seed production programmes will be undertaken at two stages namely :-

- a) Foundation seed production.
- b) Certified seed production.

The production in each stage will be related to the order of 30:1200. Foundation seed production will be taken in Govt. Farms and certified seeds production will be taken on approved growers' farms. Cost worked out by Zonal Plan Committee of Agro-economic Research Centre for N.E. India, Assam Agril. University, Jorhat for production of foundation seed and certified seed for the following crops are as follows :-

Sl. No.	CROPS	Estimated cost as per Ha.	
		Foundation	Certified
1.	Rice	Rs. 7,500/-	Rs. 4,000/-
2.	Maize	Rs. 4,000/-	Rs. 12,000/-

1.	Approved Outlay during 7th Plan	-	60.00 Lakhs
2.	Expenditure during 7th Plan	-	61.94 Lakhs
3.	Proposed Outlay for 8th Plan	-	90.00 Lakhs
4.	Approved Outlay for 1990-91	-	21.00 Lakhs
5.	Proposed Outlay for 1991-92	-	24.00 Lakhs

6. PHYSICAL TARGET :

(A) Quality seed production programme during 8th Plan Period.

Sl. No.	CROPS	AREA	Seed requirement (M.T.)			
			Certified	Foundation	1990-91	1991-92
1.	Rice	70,000	10,000	250	45	200
2.	Maize	44,000	2,000	50		
3.	Pulses	45,600	1,800	45	10	20
4.	Oilseed	79,000	1,600	40	10	20

ESTABLISHMENT :

The 3 Nos. posts created and filled up during 7th Plan Period.

C. ESTABLISHMENT OF SLED FARMS :

Sl. No.	ITEMS	UNIT	8th Plan 1990-95	1990-91	1991-92
1.	Salary of Staff	No.	3	3	3
2.	Area to be covered	Ha.	40	20	20
3.	Area covered with Farm fencing.	Ha.	40	-	40
4.	Construction & Maintenance of Buildings	No.	10	3	3
5.	Farm Road	KM	10	-	5
6.	Purchase of Machinery and Tools.	No.	L.S.	L.S.	L.S.
7.	Purchase of Tractor	No.	2	-	1
8.	Purchase of Power Tiller	No.	6	6	-
9.	Maintenance of Machinery.	No.	8	6	7

7. FINANCIAL TARGET :

Sl. No.	ITEMS	Proposed 8th Plan Outlay	Approved Outlay 1990-91	Proposed Outlay 1991-92
1.	Salary & T.E. of Staff	6.00	1.00	1.50
2.	Cost of the Land	24.00	15.00	12.00
3.	Land Development	4.00		1.50
4.	Farm Fencing	2.00	-	1.00
5.	Building Construction	4.00	2.00	2.00
6.	Farm Road	2.50	-	1.00
7.	Water Supply	6.00	-	1.00
8.	Machinery & Tools	6.00	3.00	2.00
9.	Field Contingencies	25.00	-	1.00
10.	Office & Farm Contingencies	4.00	-	0.25
11.	Maint. of Machineries	4.00	-	0.25
12.	Cost of Inputs	2.50	-	0.50
TOTAL :		90.00	21.00	24.00

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : MANURES AND FERTILIZERS

It is targetted to bring 35,000 Ha (net) under Wet Rice Cultivation during Eight Plan Period. The actual requirement of Manures and Fertilizers during the 8th Plan is estimated at 8,000 MT in NPK of which 900 MT will be arranged in 1991-92 to step up the consumption per hectare to 30 Kgs. per hectare from 25 Kgs. per hectare during 1990-91. This will cover 18,000 hecl. of W.R.C. and 12,000 hecl. of Horticulture area, vegetable, jhum area etc.

40% of the above requirement of inorganic chemical fertilizer only is proposed to be purchased for 50% subsidised per sale to cultivators through department and as well as through village Co-operatives. Therefore, the actual requirement of NPK will be as under the remaining quantity will be arranged by the farmers through Bank Loan.

N	-	832.80 M.T.
P	-	1,461.20 M.T.
K	-	<u>730.40 M.T.</u>
TOTAL NPK		- 3,024.40 M.T.

It is further proposed to put freshly developed areas during 1990-91 & 1991-92 (8,466 HA) under green manuring crops to restore C/N ration of the soil. Seeds procured from those crops will be utilised for the succeeding years.

As per the soil test data, the soils of Mizoram is strongly acidic (4.00 - 5.5^{pH}): Under such acidity most of the available phosphate and Potash is in fixed form in the soil. Effort will be made to use soil amendment to reduce the soil acidity as well as nutrient toxicity. During 8th Plan only 4,000 Ha area is proposed to be put under liming for less acid tolerant crops. Effort also will be made to use Bio-fertilizers & Organic fertilizers in fresh developed areas for proper maintenance of required C/N ratio of the soil. It is also proposed to distribute the fertilizer on 50% subsidised rate to cultivators through Village Co-operative Societies.

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1. Approved 7th Plan Outlay - Rs. 67.00 Lakhs.
2. Expenditure during 7th Plan - Rs. 72.86 Lakhs.
3. Proposed Outlay for 8th Plan - Rs. 200.00 Lakhs.
4. Approved Outlay 1990-91 - Rs. 34.00 Lakhs.
5. Proposed Outlay 1991-92 - Rs. 36.00 Lakhs.
6. PHYSICAL TARGET

Sl No	Items	Unit	8th Plan Target 1990-95	1990-91	1991-92
1.	Purchase of inorganic fertilizers	MT			
	a) Nitrogen (N)	MT	833.00	217.90	210.00
	b) Phosphate	MT	1,462.00	288.48	490.00
	c) Potash	MT	731.00	143.62	200.00
			3,026.00	650.00	900.00
2.	Purchase of Soil amendment	MT	4,000.00	800.00	800.00
3.	Purchase of green manure seed	MT	212.00	21.00	50.00
4.	Area to be covered by green manuring	Ha		4,233.00	5,000.00
5.	Purchase of Bio-fertilizers organic fertilizers (Bonemeal & Azola etc)	MT	200.00	40	40
6.	Area to be put under '000 Fertilizer application	Ha	150.00	26	30

7. FINANCIAL TARGET : (Rs in lakhs)

Sl No	Items	8th Plan Outlay 1990-95	1990-91	1991-92
1.	Purchase of NPK Fertilizers	130.00	20.00	22.00
2.	Purchase of Soil amendments	35.00	7.00	7.00
3.	Purchase of green manuring seed	15.00	3.00	3.00
4.	Bio/Organic fertilizer	10.00	2.00	2.00
5.	Transport subsidy & Misc. expenditure	10.00	2.00	2.00
TOTAL :		200.00	34.00	36.00

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : AGRICULTURE CHEMICAL LABORATORIS

During 7th Plan period department has already established One soil Testing and one Seed Testing Laboratory at Head quarters. It is proposed to strengthen the present Laboratory with Plant Protection Chemicals Testing, and Fertilizere testing facilities considering more areas to be put under permanent cultivation.

It will be necessary to check the quality of Plant Protection Chemical, seeds and fertilizers supplied by different firms. It will also be necessary to buy one Mobile Soil Testing Laboratory van to cover Soil Testing of all areas proposed to be put under permanent cultivation. The additional staff required for management of Agricultural Chemical Laboratories will also be created during 8th Plan Period.

1. Approved 7th Plan Outlay (Soil Testing) - Rs. 12.00 lakhs.
2. Expenditure (Soil Testing) during 8th Plan - Rs. 9.92 lakhs.
3. Proposed outlay for 8th Plan - Rs. 30.00 lakhs.
4. Approved outlay for 1990-91 - Rs. 6.00 lakhs.
5. Proposed outlay for 1991-92 - Rs. 8.00 lakhs.
6. PHYSICAL TARGET :

Sl. No.	Item	Unit	8th Plan target 1990-95	1991-92	91-92
1.	Maintenance of static Soil Testing Laboratory	No	1	1	1
2.	Establishment of mobile soil testing lab. and maintenance	No	1	-	1
3.	Maintenance of seed testing laboratory.	No	1	1	1
4.	Establishment of P.P. Chemicals and fertili- zere and manure testing laboratory.	No	2	-	2

Sl. No.	Items	Unit	8th Plan Target 1990-95	1990-91	91-92
5.	Sample to be analysed				
	a) Soil	No	35000	6000	6500
	b) P.P. Chemicals and fertilizer		7000	-	1000
	c) Seeds		17500	2500	3000
6.	Staff Maintenance	No	20	-	20
7.	Purchase of Mobile Van & maintenance	No	-	-	-
8.	Purchase of Jeeps and maintenance	No	2	1	1
9.	Purchase of laboratory Chemicals and Inst.	No	LS	LS	LS

7. FINANCIAL TARGET

Sl. No.	Items	8th Plan Outlay 1990-95	90-91	91-92
1.	Maintenance of Static (Soil) seed P.P. Chemical and fertilizers)	6.00	2.00	1.00
2.	Establishment of Mobile soil testing laboratory and maintenance	2.00	-	1.00
3.	Purchase of instrument for P.P. Chemicals and Fertilizers Manure	5.00	-	1.00
4.	Purchase of Mini Bus for Mobile soil testing laboratory and maintenance.	2.40	-	2.00
5.	Cost of collection of samples	2.00	0.70	0.35
6.	Salary & T.A. Officers and staff	7.00	-	1.00
7.	Other Contingency	3.00	2.00	0.35
8.	Purchase of Jeep and maintenance	2.60	1.30	1.30
TOTAL :		30.00	6.00	8.00

SCHEME NO. 6

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : PLANT PROTECTION

The most common pest and diseases have so far been encounter in Mizoram are :

- | | |
|---------------------------|------------------|
| 1) On Cereals | a) Rice Hipsa |
| | b) Stem Borer |
| | c) Gundhi Bug |
| 2) On Horticultural Crops | a) Mealy Bug |
| | b) Trunk Borer |
| | c) Aphids |
| | d) Blight |
| | e) Powery Mildew |
| | f) Wilting |
| 3) Oil Seeds | a) Aphids |
| 4) Pulses | a) Shoot Borer |
| | b) Pod Borer. |

During the 8th Plan it is expected to bring 35,000 hecets. Under W.R.C. while the jhum area will stand at 20,000 hecets. These are the areas to be tackled with Plant Protection measures. Since percentage of incidence of pest and disease increase with increased doses of consumption of fertilizers the dose of consumption of pesticides per hect. will also go up.

During 8th Plan period attempts will be made to control pest and diseases by biological methods also. The major Agriculture pest is rodent which causes huge damage in various ways to agricultural crops. Many rodent species are harmful for different crops, such as underground tuber crops, paddy, maize etc., The use of rodenticides such as Aluminium and Zinc compounds especially phosphides are in practice. They have either immediate effect or little long lasting ultimately killing the rodents. But these compounds are so poisonous that even a little dose is harmful to the human beings as a result of some contamination. Further, there is also chances of getting into the food grain and ultimately leading to adverse effects to mankind.

In view of the above it is necessary to apply biological control. The following biological control measures can be adopted.

1. Manipulation of reproductive periodicity
2. Introduction of suitable predators.

Besides this, Department will also introduce IPM Programme in Mizoram. This will help to minimise the use of chemicals for insect control. IPM (Integrated Pest Management) Programme will mainly cover the biological control for pest and diseases. To start with paddy, crops will be taken and subsequently maize, ginger, oilseed and pulses will also ^{be} covered under IPM Programme.

1. Approved Outlay during 7th Plan - Rs. 23.00 Lakhs.
2. Expenditure during 7th Plan - Rs. 34.68 Lakhs.
3. Proposed Outlay for 8th Plan - Rs. 90.00 Lakhs.
4. Approved Outlay for 1990-91 - Rs. 15.00 Lakhs.
5. Proposed Outlay for 1991-92 - Rs. 18.00 Lakhs.
6. PHYSICAL TARGET :

Sl No	Item	Unit	8th Plan 1990-95	1990-91	1991-92
1.	Area to be brought under P.P. Coverage	Ha.	3,00,000	61,000	63,432
2.	Distribution of P.P. Chemicals under 50% subsidy scheme	MT	72	15	15
3.	Distribution of P.P. Chemicals under 100% MT subsidy for Deptt. use and emergency use	MT	23	3.00	4 00
4.	Distribution of P.P. equipment like sprayer duster 50% subsidy	Nos.	6,200	1,400	1,400
5.	Purchase of other equipment for Deptt. use like insect catching net, mask, hand glove, goggles, smoke generating machine for fumigation insect killing	Nos.	2,500	100	100
6.	Implementation of IPM under rice cultivation and other biological control measures	Ha.	200	50	200

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Sl No	Item	Unit	8th Plan 1990-95	1990-91	1991-92
7.	Establishment of Plant Protection museum	No.	1	1	-
8.	Purchase of One vehicle for pest surveillance and monitoring works	No.	1	-	1

7. FINANCIAL TARGET

Sl No	Items	8th Plan Target 1990-95	1990-91	1991-92
1.	Distribution of P.P. Chemicals at 50% sale	25.00	4.00	5.00
2.	Distribution of P.P. Chemicals under 100% subsidy for Deptt. and emergency use	15.00	3.00	3.00
3.	Distribution of P.P. equipment like Sprayer, duster under 50% subsidy	25.00	4.50	5.00
4.	Purchase of other equipment like insect catching net, mask, handglove goggles, insect killing bottle etc. and sprayer duster for Deptt. use	8.00	2.00	1.50
5.	Implementation of IPM under rice cultivation and rodent control programme (Biological measures)	8.00	0.50	1.20
6.	Establishment of Plant Protection museum	3.50	0.50	0.50
7.	Purchase of one vehicle and maintenance	3.00	-	1.30
8.	Office expenses and other contingent	2.50	0.50	0.50
TOTAL :		90.00	15.00	18.00

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : COMMERCIAL CROP DEVELOPMENT

Under commercial crop development the following crops will be grown.

TAPIOCA : Tapioca which grows very well in Mizoram will be envisaged in the 8th Plan for production on commercial basis. This will be possible as processing units are being established by the Industry Department in Public Sector.

At the beginning the Department will arrange and supply planting materials. In the subsequent years the cultivators themselves will arrange the same. It is envisaged to cover at least 1,000 Ha. every year which will produce 0.30 lakhs MT.

Requirement of cuttings is 12 lakhs per year which will be supplied by the Department at the initial stage for which Rs. 2.4 lakhs will be required. The area will be expanded every year by multiplying cuttings from the existing plantation.

SUGARCANE : At present only 'gur' is produced in Mizoram in a limited quantity because local demand is very low and labour cost is very high. With the setting up of 'Khansari Plant' in the 8th Plan it is proposed to take up extensive cultivation of sugarcane in Mizoram. To begin with 100 Ha. may be covered in the 1st year of the plan and profitability of its cultivation acceptable to the farmers.

In the 1st year requirement of planting material will be 700 tonnes of sugarcane setts which will cost Rs.20.00 lakhs. In the succeeding years planting materials will be available from the existing crops.

COTTON : Cotton is one of the most important economical crops in Mizoram. Jhumia's are growing as mixed crops in Jhum. At present the level of production is negligible. Attempts will be made to popularise cotton cultivation on uplands and as mixed crops in Jhum. Initially about 5,000 Ha. will be covered under cotton which will go upto 10,000 Ha at the end of 8th Plan. This will provide additional employment to Jhumias and raw materials to power looms and hand looms in Mizoram.

JUTE : Jute which has been grown successfully in the neighbouring State of Assam and Tripura will be introduced in Mizoram where there is a suitable Agro-climatic condition particularly in the western belt. Area to be covered and production during 8th Plan period envisaged in 250 Ha. and 250 MT respectively.

1. Approved Outlay during 7th Plan - Rs. 73.00 Lakhs.
2. Expenditure during 7th Plan - Rs. 41.50 Lakhs.
3. Proposed Outlay 8th Plan - Rs. 80.00 Lakhs.
4. Approved Outlay 1990-91 - Rs. 15.00 Lakhs.
5. Proposed Outlay for 1991-92 - Rs. 16.00 Lakhs.

6. PHYSICAL TARGET :

Sl No	Particulars	Unit	8th Plan Target	1990-91	1991-92
1.	<u>Area to be put under</u>				
	a) Tapioca	'000 Ha	5.00	1.00	1.00
	b) Sugarcane	"	0.70	0.10	0.20
	c) Cotton	"	36.50	5.00	5.50
	d) Jute	"	0.25	0.05	0.05
2.	<u>Production of</u>				
	a) Tapioca	'000 MT	50.00	30.00	30.00
	b) Sugarcane	"	31.50	2.25	4.50
	c) Cotton	"	4.57	0.63	0.69
	d) Jute	"	0.25	0.05	0.05
3.	<u>Seed to be purchased for distribution</u>				
	a) Tapioca	"	6000.00	1200.00	1200.00
	b) Sugarcane	"	0.70	0.35	0.35
	c) Cotton	"	0.380	0.075	0.075
	d) Jute	"	0.040	0.008	0.008

7. FINANCIAL TARGET :

Sl No	Particulars	8th Plan Target	1990-91	1991-92
1.	<u>Purchase of Seed/cuttings for distribution</u>			
	a) Tapioca	15.00	2.00	2.10
	b) Sugarcane	45.00	8.00	8.50
	c) Cotton	8.00	2.00	2.10
	d) Jute	5.00	1.00	1.10
2.	Carrying charge	7.00	2.00	2.20
TOTAL :		80.00	15.00	16.00

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : EXTENSION & FARMERS TRAINING

1. FIELD DEMONSTRATION :

In order to popularise unconventional but useful cereal crops, pulses and oil seeds, it is proposed to conduct demonstration on Cultivators field for which plot may vary from 0.05 hect. to 0.10 hect. depending on the local conditions. Although pulses like Lentil, Moong, Urd and Achar are consumed in every household in Mizoram yet has not been cultivated and popular amongst the cultivators to meet the requirements. For the last three consecutive years these crops have been successfully cultivated and harvested in departmental farms. During 8th Plan period these crops will be popularised more by conducting Demonstration on cultivators' fields.

2. AGRICULTURAL INFORMATION AND PUBLICITY :

In order to disseminate the new Agricultural Technology to the farmers and to fetch feed back from them, it is necessary to strengthen Information and Publicity Section with one Assistant Information Officer in each existing District. It is also proposed to establish an Auditorium and Photographic Cell during 8th Plan period. It will also be necessary to organise Farmers' Study Tour and exchange of farmers in order to acquire the know-how of the latest improved Agricultural Technology prevailing in the country and outside. Apart from this publication of periodicals like 'Zoram Loneitu' will also be continued.

3. INTEGRATED TRAINING CENTRE :

The Integrated Training Centre at Hnahthial which provides basic Agricultural Training of two years' duration will be continued. Generally inservice personnels are trained by giving a stipend of Rs. 200/- per month and Book-grant of Rs.500 for the academic year. 30 personnels are admitted every year. During 8th Plan attempt will be made to open a new course for training Officers of the Department of SAS I & II for short period (six month course).

4. KRISHI VIGYAN KENDRA :

A State owned Krishi Vigyan Kendra for training the farmers at the centre and in the Village will be maintained. Apart from importing training to the farmers in the Villages, it is also envisaged to train the farmers in its complex at Kolasib where demonstration of Orchard and plantation and other crops is conducted.

Approved Outlay for 7th Plan :

a) Field Demonstration	Rs. 24.00 Lakhs
b) Agril.Information & Publicity	Rs. 36.00 Lakhs
c) I.T.C.	Rs. 30.00 Lakhs
d) K.V.K.	Rs. 11.00 Lakhs
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TOTAL :	Rs.101.00 Lakhs

1. Expenditure during 7th Plan :

a) Field Demonstration	Rs. 24.69 Lakhs
b) Agril.Information & Publicity	Rs. 36.03 Lakhs
c) I.T.C.	Rs. 31.79 Lakhs
d) K.V.K .	Rs. 15.09 Lakhs
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TOTAL :	Rs.107.60 Lakhs

2. Proposed Outlay during 8th Plan :

a) Field Demonstration	Rs. 13.00 Lakhs
b) Agril.Information & Publicity	Rs.100.00 Lakhs
c) I.T.C.	Rs. 27.00 Lakhs
d) K.V.K.	Rs. 20.00 Lakhs
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TOTAL :	Rs.160.00 Lakhs

3. Approved Outlay during 1990-91 :

a) Field Demonstration	Rs. 2.50 Lakhs
b) Agril.Information & Publicity	Rs. 20.00 Lakhs
c) I.T.C.	Rs. 3.00 Lakhs
d) K.V.K.	Rs. 2.50 Lakhs
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TOTAL :	Rs. 28.00 Lakhs

4. Proposed Outlay during 1991-92 :

a) Field Demonstration	Rs. 2.50 Lakhs
b) Agril.Information & Publicity	Rs. 19.00 Lakhs
c) I.T.C.	Rs. 4.00 Lakhs
d) K.V.K.	Rs. 3.00 Lakhs
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TOTAL :	Rs. 30.00 Lakhs

6. Physical Target :

Sl No	Particulars	Unit	Proposed 8th Plan Target	Approved 1990-91 Target	Proposed 1991-92 Target
A. <u>FIELD DEMONSTRATION</u>					
1)	Demonstration on cereal crops	No.	150	30	30
2)	Demonstration on Oil seed	No.	150	30	30
3)	Demonstration on pulses	No.	150	30	30
B. <u>AGRICULTURAL INFORMATION AND PUBLICITY</u>					
1)	Farmers Study Tour and Exchange Programme	Batches	30	6	6
2)	Publication of Zoram Loneitu and pamphlets etc.	'000 copies	300	60	60
3)	Agricultural Fairs, Seminars and Exhibitions	Nos.	40	8	8
4)	Establishment of Auditorium and photographic cell.	Nos.	2	-	1
5)	Audio-visual equipments	Nos.	7	6	1
6)	Purchase of vehicles (2 Jeeps & 1 Bus)	Nos.	3	-	1
C. <u>INTEGRATED TRAINING CENTRE</u> :					
1)	Stipend & Book-grant	Nos.	300	60	60
2)	Purchase of Books periodical journals, audio-visual equipments etc.	Nos.	LS	LS	LS
3)	Construction of water reservoirs	Nos.	1	1	1
4)	Renovation/maint.of existing building	Nos.	9	-	9
5)	Purchase of Jeeps and maintenance	Nos.	1	-	1
6)	Purchase of Mini Bus and maintenance	Nos.	1	-	-
7)	Contingencies	LS	LS	LS	LS
D. <u>KRISHI VIGYAN KENDRA</u> :					
1)	Farmers Training	Batch	30	6	6
2)	Maintenance of existing office and staff quarter	No	12	12	12
3)	Demonstration plot for Orchard and others	Ha	30	6	6
4)	Misc. contingencies	Ha	LS	LS	LS

7. FINANCIAL TARGET :

(Rs. in Lakhs)

Sl No	Items	Proposed 8th Plan Outlay	Approved Outlay 1990-91	Proposed Outlay 1991-92
A. <u>FIELD DEMONSTRATION :</u>				
1)	Demonstration on cereal oil seed and pulses crops	13.00	2.50	2.50
TOTAL :		13.00	2.50	2.50
B. <u>AGRICULTURAL INFORMATION AND PUBLICITY</u>				
1)	Farmers Study Tours and Exchange Programme	18.50	5.00	5.00
2)	Publication	22.50	5.00	5.00
3)	Agricultural Fair, Seminar and Exhibition	20.00	4.00	4.00
4)	Audio visual Equipment	6.00	2.00	0.50
5)	Establishment of Auditorium and photographic cell	7.00	-	1.50
6)	Purchase of Vehicles and Maint.			
a)	Jeep	7.00	-	2.00
b)	Bus	3.50	-	-
7)	Hiring of private vehicles	11.00	3.00	1.50
8)	Misc. contingencies	5.00	1.00	1.00
TOTAL :		100.00	20.00	20.50
C. <u>INTEGRATED TRAINING CENTRE :</u>				
1)	Stipend and Book grant	7.30	1.40	1.00
2)	Purchase of Books periodical journals audio visual aids etc.	2.80	-	0.60
3)	Construction of Water reservoir	1.30	1.20	0.10
4)	Renovation/main of existing building	4.30	-	0.50
5)	Purchase of Vehicles & Maint.			
a)	Jeep	1.90	-	1.50
b)	Mini Bus	3.90	-	-
6)	Contingencies	4.50	0.40	0.30
TOTAL :		27.00	3.00	4.00
D. <u>KRISHI VIGYAN KENDRA :</u>				
1)	Farmers Training	4.50	0.50	0.60
2)	Repair of existing buildings	7.00	1.00	1.20
3)	Demonstration plot	4.50	0.50	0.60
4)	Miscellaneous	4.00	0.50	0.60
TOTAL :		20.00	2.50	3.00
GRAND TOTAL :		160.00	28.00	30.00

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : PULSES DEVELOPMENT

Traditionally pulses are grown in Mizoram in Jhums. Popular crops are Cowpea, rice-bean and french beans. It is necessary to popularise other pulses like lentil, pea, arhar, Urd, Moong etc. Pulses form a part of daily food to compensate the protein requirement of Rice. The daily requirement per capita is calculated as 50 gram. Lentil and others which are not commonly cultivated in Mizoram have also been proved to grow well in Mizoram soil as experimented at Thingdawl Farm.

Therefore, it is proposed to become self sufficient in production of pulses at the end of 8th Plan. The department will try to supply total seed requirement in 1st year at 50% subsidy and will meet 10% requirement in the subsequent years with high yielding varieties. In the subsequent years the farmers are expected to meet their requirements. However, support with H.Y.V. evolved from time to time will always be made available to them with technical support.

1. Approved Outlay 7th Plan Outlay and expenditure are shown alongwith Food Grain Crop-Development Scheme.
2. Expenditure 7th Plan Rs. 50.00 Lakhs.
3. Proposed Outlay 8th Plan Rs. 9.00 Lakhs.
4. Approved Outlay 1990-91 Rs. 10.00 Lakhs.
5. Proposed Outlay 1991-92
6. PHYSICAL TARGET

Sl. No.	Particulars	Unit	8th Plan Target	1990-91	1991-92
1	2	3	4	5	6
1.	Area to be put under Pulses	'000 Ha	45.60	2.00	6.00
2.	Production of Pulses	'000 MT	54.80	2.00	6.00
3.	Seed to be purchased	'000 MT	0.82	0.07	0.09
4.	Seed to be multiplied in the farm and cultivators field	'000 MT	0.50	0.03	0.04

7. FINANCIAL TARGET

(Rs. in lakhs)

1)	Purchase of improved seed for 50% subsidy sale	40.00	7.00	7.50
2)	Multiplication of seeds in the Farms and cultivators field.	10.00	2.00	2.50
TOTAL :		50.00	9.00	10.00

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : DEVELOPMENT OF OIL SEED

Mizoram is not self-sufficient in production of oil seeds. Oil seed crops like sesamum, mustard, and soyabean are growing well. There is no processing unit so far in the State. Hence all the requirement of edible oils are brought from outside the state. The state supply department spent 8 crores of rupees for purchase of essential oil every year. The total requirement of edible oils is estimated at 5,000 MT per year.

In June, 1990 One oil expeller with a capacity of 120 Kerosine tin Oil per day has been installed at Zuangtui near Aizawl. It is also indented to install in other areas also under MIZOFED. Hence, it is necessary to step up annual production of oil seeds. Therefore, the department proposed to extend cultivation of oil seeds in 26,000 hect. at the terminal year of the 8th Plan to produce 5,000 MT of Oil mustard, sesamum, soyabean, Groundnut and Linseed will be grown. It is proposed to avail Centrally Sponsored Scheme (100%) financial grant from Govt. of India during 8th Plan Period.

- | | |
|--------------------------------|---|
| 1. Approved Outlay 7th Plan | Rs. Expenditure and outlay shown under |
| 2. Expenditure 7th Plan | Rs. Commercial crop development scheme. |
| 3. Proposed Outlay 8th Plan | Rs. 60.00 Lakhs. |
| 4. Approved Outlay 1990-91 | Rs. 10.00 Lakhs |
| 5. Proposed Outlay for 1991-92 | Rs. 12.00 Lakhs. |
| 6. <u>PHYSICAL TARGET</u> | |

Sl No.	Items	Unit	8th Plan Target	90-91	91-92
1.	Area to be put under Oilseed	'000 Ha	79.00	3.00	10.00
2.	Production of Oil-seed.	'000 MT	46.8	2.00	6.0
3.	Production of Oil	'000 MT	15.6	0.70	2.0
4.	Seed to be purchased for distribution	'000 MT	0.50	0.05	0.20
5.	Seed multiplication in departmental farms and cultivators field	'000 MT	0.30	0.02	

7. FINANCIAL TARGET :

(Rs. in Lakhs)

Sl No	Particulars	8th Plan Target	1990-91	1991-92
1.	Purchase of improved seeds for 50% subsidised rate	50.00	8.00	10.00
2.	Multiplication of seed in Departmental farms and cultivators field.	10.00	2.00	2.00
TOTAL :		60.00	10.00	12.00

SCHEME NO.11

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : AGRICULTURAL MACHINERIES AND IMPLEMENTS

Under this scheme farm machineries like tractor and Power Tillers will be distributed at 50% subsidised rate to cultivators having WRC. In addition to this Oil expeller, Sugarcane Crusher, Maize Crusher, Small Implements and Barbed Wire will be distributed at 50% subsidy to the Cultivators.

ICAR Research Complex, Shillong has developed some improvised small tools & Implements but availability of these instruments are not adequate. It is proposed to set up one Central Workshop for production of improved Small Tools and Implements to meet the requirement of cultivators during 8th Plan. Required post have already been mentioned in the Direction & Administration Scheme.

1. Approve Outlay for 7th Plan - Rs. 73.00 Lakhs
2. Expenditure during 7th Plan - Rs.113.74 Lakhs
3. Proposed Outlay for 8th Plan - Rs.225.00 Lakhs
4. Approved Outlay for 1990-91 - Rs. 30.00 Lakhs
5. Proposed Outlay for 1991-92 - Rs. 44.00 Lakhs

6. PHYSICAL TARGET :

Sl No	Items	Unit	8th Plan Target 1990-95	1990-91	1991-92
1.	Tractor subsidy	Nos.	150	10	30
2.	Power Tiller Subsidy	Nos.	150	10	30
3.	Oil Expeller Sugarcane Crusher/Maize Crusher etc	Nos.	500	100	100
4.	Establishment of workshop for manufacture of small tools and Implements like Seed drills/Wheelhoe/Paddy Thresher/Paddy Transplanter etc.	Nos	1	-	1
5.	Production of Small Tools and Implements.	No.	10000	-	2000

Sl No	Items	Unit	8th Plan Target 1990-95	1990-91	1991-92
6.	Purchase of Machineries for workshop				
	1) Letchmachine	No.	2	1	1
	2) Welding Machine	No	2	1	1
	3) Other Machine	No.	LS	LS	LS
7.	Purchase of Raw Material for workshop	Qtls.	500	-	100
8.	Fencing Material	Qtls.	LS	LS	LS

7. FINANCIAL TARGET (Rs. in lakhs)

Sl No	Item	8th Plan Outlay 1990-95	1990-91	1991-92
1.	Tractor, Power Tiller, Water pumps, Oil Expeller, Sugarcane Crusher/Maize Crusher for sale at 50% subsidy	140.00	15.50	26.00
2.	Small Tools & Implements for sale at 50% subsidy	17.50	3.00	5.00
3.	Construction of workshop, Purchase of Machinery for establishment of workshop. Purchase of raw materials for production of Tools & Implements	40.00	5.00	8.00
4.	Office expenses	5.00	1.50	1.50
5.	Wages	2.50	-	0.50
6.	Purchase of other Implements and Fencing Materials	20.00	5.00	6.00
TOTAL :		225.00	30.00	45.00

SCHEME NO. 12HEAD OF DEVELOPMENT : CROP HUSBANDRYNAME OF THE SCHEME : HORTICULTURE & VEGETABLE DEVELOPMENTINTRODUCTION :

According to the demarcation of 15 Agro-Climatic Regions in the country. Mizoram falls under Sub-Region No (iii) of Eastern Himalayan Zone II. It enjoys tropical and Sub-Tropical climate where most of the Horticultural crops flourish.

Out of the total areas of Mizoram of 21 lakh hectares potential area i.e gentle to moderate slope, available for horticultural plantation is around 4.40 lakhs hectares. The existing areas under horticulture of 5,600 hectares accounts 1.25 percent of the total potential areas. Hence, there is a vast scope for horticulture activities in Mizoram.

In view of the availability of vast potential areas for horticulture development, the need of the people for nutrition and to derive substantial income to improve the economy of the poor cultivators, it is proposed to speed up horticultural development by creating a separate Directorate from the second year of the 8th Plan.

The strategies proposed to be adopted in the 8th Plan are as follows :-

1. The infrastructure will be strengthened by creating a separate Directorate with 3 new District Offices and 13 Circles.
2. To increase production and productivity of fruits by extending the existing areas, rejuvenating the old ones, adopting packages of practices of fertilizers and pesticides and producing improved and High Yielding Varieties in the Department Farms for supply to the cultivators.
3. To increase production and productivity of vegetables by establishing vegetables seeds production farms for supply of seeds to the cultivators at subsidised rate of 50%, introducing intensive vegetable development programme at the main consumption centres like Aizawl, Lunglei, Saiha, Kolasib, Serchhip, Champhai, Lawngtlai etc.

- 4) Cultivation of spices will be encouraged. In addition to the existing cultivation of ginger, turmeric, chillies and large cardamom, other spices crops like pepper, cinnamon etc., will be introduced.
- 5) To improve the economy of the cultivators and for beautification of Towns, it is also proposed to introduce and improve the Floriculture Development by raising nurseries to produce seeds, bulbs and planting materials for supply to the cultivators at 50% subsidy.
- 6) To disseminate new and improved technologies, it is proposed to strengthen extension services to the growers through the visual aids, training and visits.
- 7) Due to its unique Agro-Climatic conditions and absence of proper communication with the other States, it is felt necessary to establish a Horticulture Research Centre in Mizoram so as to evolve new technologies to improve the existing plantations and to open up new areas under the latest scientific management.

A. ESTABLISHMENT :

19 posts created and filled up during 7th Plan will be maintained. Since Horticulture will be bifurcated from Agriculture Department the present organisation at Directorate level will be strengthened by creating a post of Director, Horticulture and other supporting staff. Beside this it is also proposed to create 3 Horticulture Districts at Aizawl, Lunglei and Chhimitpui, 4 Horticultural Sub-Divisions at Aizawl East, Aizawl West, Lunglei and Saiha and 13 Horticultural Circles at Aizawl, Kolasib, Mamit, Serchhip, Zawlnuam, Khawzawl, Khawruhlian, Lunglei, Hnahthial, Tlabung, Saiha, Lawngtlai and Chawngte with necessary supporting staff for smooth functioning of a new Department

B. FRUIT DEVELOPMENT :

The total area of Mizoram is 21 lakhs hectares of which 63,000 hectares (i.e 3 p.c) is considered as available potential land for paddy and other seasonal crops cultivation. Further 4.40 lakhs hectares of moderate slopes

are suitable for horticultural crops. Now the area under horticultural crops is only 5,600 hectare which is about 1.25 percent of the suitable moderate slope area in Mizoram. It is, therefore, considered that there is vast scope for horticultural plantation and the following are in the principal fruit crops grown in the State :- (1) Orange (2) Banana (3) Pineapple.

In spite of the fact that vast potential suitable slopy land available for horticulture plantations, the present position is still low and could not meet our requirement for fruits.

Based on the recommendation of per capita requirement of fruits i.e 85 gm daily and our requirement (daily and yearly) upto 2000 AD is calculated as follows :-

Year	Population	One day requirement (MT)	One year requirement (MT)
1989	5,00,000	42.5	15,512.5
1991	7,40,635	63.0	22,995.0
2000	11,33,172	96.3	35,149.0

Not only to achieve self sufficiency in fruits, Department of Horticulture now take further steps to increase production of fruits mainly orange and pineapple by extending the plantations area to feed the proposed fruit processing plant at Chhingchhip and one fruit preservation Centre at Vairengte.

Under fruit Development Scheme, it is proposed to take the following programmes during 8th Plan period.

1. Expansion Scheme for settlement of Jhumia families with citrus, Banana, Pineapple, Litchi, Mango and other suitable fruit crops by assisting the individual farmers to create and maintain new horticulture plantation in 2 Ha. area at 50% subsidy.
2. Supply of planting materials for sale at 50 % subsidy to interested cultivators who could not be covered under settlement programme.

- 3) Rejuvenation of old citrus trees.
- 4) Production of healthy seedlings from Horticultural farms and nurseries.

With the bifurcation of Horticultural Department from Agriculture Department. The following farms will be maintained by Horticulture Department for production of good quality planting materials and for demonstration plantation.

- 1) Thingdawl Farm (For Tropical fruits)
- 2) Chawngtlai Farm(For Temperate fruits)
- 3) Thenzawl Farm (For Demonstration Plantation)
- 4) Rihte Farm (For Tropical Fruits)

Therefore, separate nursery for temperate fruits like Peach/Plum, Walnut and Pears will also be established at Chawngtlai and sub-tropical and tropical fruits like citrus, Banana and Pineapple will be at Thingdawl and Rihte Farms. With a target to produce 50 percent requirement of Seedlings during 8th Plan period.

B. VEGETABLE DEVELOPMENT :

Vegetable constitute an important item of human diet. Vegetable are used to alleviate protein malnutrition. Most of the Vegetables, being short duration crops, can be produced in succession on the same plot and all the family labour of the vegetable growers can be fully employed throughout the year. The daily minimum requirement of Vegetables according to a dietician, is 185 gm per head i.e about 20% of the daily requirement of the total food of an adult. at the terminal year of 8th Plan approx. 11.33 lakhs population Therefore, it is proposed to become self sufficient in production of vegetable at the end of 8th Plan.

Traditionally vegetable are grown in Mizoram in Jhum and on terraces. Popular crops are cole crops like Cabbage, Knol-khol, Brinjal, Samtawk, Garlic, Cowpea, Cucurbits, Squash, Antam (leafy Mustard), Zawngtah and some other local vegetable. Effort will be made to produce Cabbage, Cauliflower, Knol khol, Tomato, Brinjal, Capsicum, Radish, Turnip, Carrot, Beet, Onion, Garlic, Pea, French Bean, Cow pea, Cucurbits (Cucumber, Musk, Melon, Bottle gourd,

Bitter gourds, Ridge gourds, Squash, Lady's finger, Lettuce, Palak, Tapioca, Potato etc.

Since the seeds of some of the crops are not produced in Mizoram will be purchased from outside sources for sale at 50% subsidy. Attempts will also be made to produce at least 50% requirement of seed at Govt. Farm for which at existing farms installation of sprinkler irrigation system will also be done.

D. SPICES DEVELOPMENT :

Mizoram has a cool & humid temperate Climatic over high hills and warm humid sub-tropical climate on the lower altitudes. The annual mean rainfall is around 2,640 mm spreading over from May to October through South West Monsoon. The relative humidity is high throughout the year and it reaches as high as 90 p.c in the peak monsoon season. In high hills the average summer temperature varieties from 20°C to 23°C and between 8°C to 19.6°C in winter whereas in the low hills and valleys the temperature fluctuates from 22°C to 30°C during summer and 15°C to 21.6°C in winter. No snow-fall had been recorded any where but winter frosts is a common phenomenon in certain places. Hailstorm associated with strong winds are experienced in March and April.

The soils of Mizoram in general have been derived from such parent materials as ferogenous sandstone, Shales, Alluvials and Colluvial Origin. In general soils are loamy to Clayey in texture strongly acidic in reaction (pH 4.1 to 5.8) high in organic Carbon content (1.3 % to 4.60 %) low in available phosphorous (2.0 to 13.9 ppm) and medium in available potash (60.9 to 522.8 ppm).

Due to its climate throughout the year with abundant rainfall during monsoon. Mizoram has coginal climate condition be required for cultivation of Spices and spices crops like Ginger, Turmeric, Chillies, Pepper Cinnamon, Large Cardamom and Citronella. All these crops will be cultivated on commercial way during 8th Plan. At present Ginger, Turmeric and Bird's eye chillies are commonly cultivated. On the hill slopes Cinnamon a wild variety is plentiful available in Mizoram.

GINGER AND TURMERIC :

Ginger is a traditional crop of the Mizos. It is cultivated on jhum land as pure crops. The market price is not stable. However, its cultivation is gaining popularity because of easy management and that the local are used to it. An important variety of Nadia has been introduced. All along with ginger the cultivation of Turmeric is also being popularised for which small grading machines are on sale at 50% subsidy. The production of ginger and Turmeric will be raised during 8th Plan period to meet the requirement of Industries set up in Mizoram.

PEPPER :

Pepper cultivations have been tried in Departmental Farm at Vairengte where in around 300 vines are now in fruiting stage. During 1988-89 alone, 5,000 Nos. of rooted cuttings had been produced and distributed to other departmental farms for further multiplication and also sold at Rs. 3/- per vines to the interested farmers, with an object to popularise this crop and make available good quality planting materials to the interested farmers not only within the state but also to neighbouring states. It is proposed to start plantation of this spices in 1000 hectares area and multiply it in the nursery with a target production of 10(ten) lakhs rooted cuttings. Improved and high yielding varieties like Panneyur-I (hybrid) for low elevation or Karimenda and Kalluvally for high elevation will be cultivated and multiplied in the Nursery.

Regarding Cinnamon, the plant will be multiplied through seeds and by vegetative methods like cuttings and layering. Plantation in 100 hectares area will be done and one & half hectares area will be reserved for nursery. Meanwhile, collection of germ-plasm from wild forest area will be done and further multiplication will also be encouraged if found satisfactory in their quality.

CITRONELLA :

Plantation of Java Citronella Grass was carried out since few years back by some farmers in Mizoram at various places like Thenzawl, Lengpui, Thingdawl etc. Recently,

Regional Research Laboratory (RRL), Jorhat has developed a new improved variety of this grass - JORLAB C-2. According to the Scientist from RRL, Jorhat as well as Jallan Enterprise, Galaghat, the leading planters of the Country the newly developed improved variety is mainly suitable for hilly areas like Mizoram, Arunachal Pradesh, Meghalaya, Nagaland etc. It is hoped that the introduction of this new variety of grass in Mizoram will lead the farmers into the permanent settlement from their traditional shifting cultivation. There is a vast scope for this crop in Mizoram due to its simple method of cultivation, availability of land and its easy market for the production. The crop will also check soil erosion effectively in the hills. Therefore, it is proposed to establish one Demonstration farm covering 20 Ha. of land at Darlak with a target production of 30 lakhs slips with an object to popularise this crop and make available good quality of planting materials to the interested farmers. It is targetted to increase area under Citronella of about 1000 Ha. by the end of 8th Plan period.

BIRD'S EYE CHILLIES :

Bird's eye chilli is now popular in India as well as some foreign countries due to its good flavour and pungency. The market price of this type of chilli (on dried basis) is considerably high at all time. Although Mizoram produced 3.2 thousand MT during 1986-87, the actual demand was much higher than the product. Therefore, it is proposed to increase area under chillies cultivation initially 500 Ha. and which will go up to 2000 Ha. at the end of 8th Plan. To meet the requirement of seed it is also proposed to establish one farm covering 5 Ha. of land with an object to produce good quality of seeds for interested farmers with a target production of 11 MT seed during the Plan period.

LARGE CARDAMOM :

Large Cardamom is considered to be the 'Queen of Spices'. It thrives well in Mizoram between 600-1500 Mtrs. altitude. Department has established seed multiplication farm at Champhai where good number of seedlings are produced for distribution to cultivator for its planting to increase production. Attempts will be made to increase production during

8th Plan period by increasing area. Cultivator (Jhumias) will be also settled on large Cardamom cultivation plan. Since it is shade loving plants. It will also be introduced to be grown in Orange, Coffee and other fruit crops garden as mixed crops.

E. FLORICULTURE DEVELOPMENT :

There was no separate scheme during 7th Plan. The scheme was combined with Horticulture & Vegetable Development scheme of Agriculture Department. Mizoram is hilly terrain enjoying a comfortable climate with the temperature ranging from 8°C in winter to 32°C in summer and the elevation of hills ranging from 21 M to 2,157 M and annual rainfall of 2,500 mm. It has a good scope for floriculture development. From the recent past people particularly at Aizawl Town have started cultivation of flowers in their gardens and it has come into the local markets. It has been ventured as to have become paying proposition as subsidiary income. Therefore, it is proposed to take it up on a large scale.

F. PLANTATION CROPS :

Apart from Horticultural crops plantation crops such as Rubber, Coffee & Red Oil Palm are also being taken up to wean away Jhumia families. While Rubber and Red Oil Palm will be taken up in the low lying areas bordering Cachar District and Tripura below 1500 M.S.L. Coffee particularly 'Arabica' will be taken up at elevation above 1500 M.S.L. However if 'Robusta' is taken up it will be concentrated in the low lying areas.

These plantation crops need Scientific treatment. Therefore, it will be cautiously handled - by selecting interesting families on specific locations in the interior places. As for example Shadetrees like 'Dadap' should be planted one year in advance of actual planting of coffee seedlings and so on.

The programme will be implemented under the banner of expansion scheme.

G. EXTENSION TRAINING AND FARMERS EDUCATION :

On bifurcation of Horticulture Department from Agriculture Department during 8th Plan. Extension Training and Farmers Education related to Horticulture has to be taken separately by Horticulture experts. Therefore, in order to disseminate technical know how to the cultivators it is proposed to emphasize on the following activities during the 8th Plan period.

1. Establishment of Information Unit at Headquarters and District level.
2. Publication of magazines related to Horticulture, Leaflets, pamphlets, posters, brochures etc. in English, and Mizo on Horticulture topics.
3. Broadcast of Horticulture Bulletin through the All India Radio.
4. Project of different Horticultural films through Audio-visual units.
5. Conducting study tour of farmers within the state and in different states of horticulture importance.
6. Holding Horticulture Exhibitions/Seminars.
7. Establishment of one auditorium and photographic cell.
8. To conduct demonstration on different horticultural crops, fertilizer response. Plant Protection and use of improved implements.

Since it will be a new Department it will be necessary to create a new set up for conducting training and Education to cultivators in respect of Horticulture technology. It is also proposed to provide Audio-visual aids to each information centre to be set up at District, Sub-Division and Circle level for which, Camera, 16mm projector, Honda generator, slide projector, Lenox Copier, Tape recorder, video player, video Camera and T.V will also be purchased.

However, K.V.K Kolasib and I.T.C at Hnahthial under Agriculture Department will continue to provide Farmers Training and Basic Training of 2 years for Horticultural staff, respectively.

H. HORTICULTURE RESEARCH AND EDUCATION :

The State has got no research centre of its own till the end of 7th Five Year Plan. There is one Sub-Centre of ICAR which is not sufficient to meet the requirements of the farmers in the State. Considering its isolation from other states due to poor communication and because of its

unique climate and topography it is proposed to have research centre of its own for Horticulture Development. As for instances, the diseases that erupted and caused die-back diseases to Oranges in the early sixties still persistent in a number of pockets for which effective remedial measures have not been discovered.

The following research on horticulture are proposed to be conducted 8th Plan period.

1. Varietal trial of spices and vegetables under rainfed and irrigated condition at different altitude.
2. Fertilizer response and Management to different horticultural crops.
3. Micro-nutrient status and response on horticultural crops.
4. Propagation Methods.
5. Post Harvest Research
6. Improvement of Old Orchard.
7. Economic mixed cropping pattern.

1. Approved Outlay during 7th Plan - Rs. 206.00 Lakhs.
2. Expenditure during 7th Plan - Rs. 221.63 lakhs.
3. Proposed Outlay for 8th Plan - Rs. 380.00 Lakhs.
4. Approved Outlay for 1990-91 - Rs. 54.00 Lakhs.
5. Proposed Outlay for 1991-92 - Rs. 60.00 Lakhs.
6. PHYSICAL TARGET :

Sl No	Items	Unit	8th Plan Target	1990-91	1991-92
A.	<u>ESTABLISIMENT</u> :				
1.	Salary of Officer and Staff	No	322	19	50
2.	Construction of Buildings	No	200	-	10
3.	Purchase and maintenance of Vehicles				
	1) Jeep	No	50	-	5
	2) Car	No	4	-	1
	3) Trucks	No	5	-	1
4.	Rent	No	4	-	1
5.	Office expenses for Directorate District, Sub-Division and Circle Officers	LS	LS	LS	LS

Sl No	Items	Unit	8th Plan Target	1990-91	1991-92
6.	Establishment of				
	1) Horti. District	No	3	-	1
	2) Horti. Sub-Division	No	4	-	3
	3) Horti. Circle	No	13	-	2
B.	<u>FRUIT DEVELOPMENT</u>				
1.	Supply of Planting materials like	'000 Ha	300	50.00	70.00
	Citrus				
	Banana				
	Pineapple				
	Litchi etc. and				
	Papaya				
2.	Raising of seedlings suckers in Horticulture Farms	'000 No	2500.00	500.00	500.00
3.	Rejuvenation of old citrus trees	No	250.00	50.00	50.00
4.	<u>Production :</u>				
	i) Citrus	'000 MT	94.00	15.00	16.00
	ii) Banana	"	111.70	13.60	15.60
	iii) Pineapple	"	83.50	14.50	15.00
	iv) Litchi	"	-	-	-
	v) Papaya	"	81.74	2.00	7.50
	vi) Other pear/peach plum and jack-fruits	"	16.00	2.00	2.50
	vii) Purchase of farm implements and field contingencies.	No	LS	LS	LS
C.	<u>VEGETABLE DEVELOPMENT :</u>				
	1) Purchase of Vegetable) Seeds)				
	a) Solanaceous fruits)				
	b) Cole crops)				
	c) Tuber crops)				
	d) Bulb crops)	MT	590	100	100
	e) Leafy vegetable)				
	f) Root crops)				
	g) Cucurbits)				
	h) Peas etc.)				
	i) Potato etc.)				

Sl No	Items	Unit	8th Plan Target	1990-91	1991-92
2. Area/Production under Vegetable :					
a)	Salanaceous fruits	A '000 HA	0.50	0.10	0.10
		P '000 MT	12.50	2.50	2.50
b)	Cole crops	A '000 HA	3.80	0.50	0.60
		P '000 MT	95.50	12.50	15.00
c)	Bulb crops	A '000 HA	0.50	0.10	0.10
		P '000 MT	7.50	1.50	1.50
d)	Root crops	A '000 HA	0.50	0.10	0.10
		P '000 MT	10.00	2.00	2.00
e)	Leafy crop	A '000 HA	2.40	0.40	0.40
		P '000 MT	24.00	4.00	4.00
f)	Cucurbits and squash	A '000 HA	0.20	0.02	0.02
		P '000 MT	21.60	2.16	2.16
g)	Peas etc.	A '000 HA	3.60	0.40	0.40
		P '000 MT	11.25	1.25	1.25
h)	Potato etc.	A '000 HA	6.00	0.40	1.10
		P '000 MT	120.00	8.00	22.00
Sub-Total		A '000 HA	17.50	2.02	2.82
		P '000 MT	302.35	33.91	50.41
3. Maintenance of Farm for seed & seedling production					
a)	Seeds	MT	8.3	0.8	1.0
b)	Seedlings	Nos.	14.00	1.5	2.0
4.	Installation of sprinkler	No	1	-	1
5.	Construction of Water storage	No	7	1	1
D. SPICES DEVELOPMENT :					
1)	Supply of Seed/seedling for plantation under 50% sale	'000 MT/HA	10/100	0.5/15	1/20
2)	Raising of nursery to produce planting material				
a)	Ginger (10 Ha)	M.T	550	150	150

SI No	Items	Unit	8th Plan Target	1990-91	1991-92
2.	b) Turmeric (5 Ha)	MT	100	15	15
	c) Chillies (1 Ha)	MT	11	-	1
	d) Pepper root cutting and improvement of farm (4 Ha)	No. in lakhs	10.0	2 lakhs	2.0
	e) Cardamom clumps and improvement of farm (2 Ha)	"	6.00	2.5	2.5
	f) Cinnamom (1 Ha)	'000	25.00	5.00	5.00
	g) Citronella(10 Ha)	Nos. in lakhs	100.00	18.00	5.00
2.	<u>Area & Production of Spices</u>				
	a) Ginger	A '000 HA	2.0	0.400	0.400
		P '000 MT	20.00	4.00	4.00
	b) Turmeric	A '000 HA	1.00	0.200	0.200
		P '000 MT	20.00	4.00	4.00
	c) Chillies	A '000 HA	1.00	0.100	0.150
		P '000 MT	2.00	0.200	0.300
	d) Pepper	A '000 HA	0.500	0.100	0.100
		P '000 MT	0.350	0.070	0.07
	e) Cardamom	A '000 HA	1.000	0.100	0.150
		P '000 MT	0.350	-	-
	f) Cinnamom	A '000 HA	0.100	0.25	0.25
		P '000 MT	-	-	-
	g) Citronella Demonstration slips	A '000 HA No. in lakhs	0.020 36.00	0.010 18.00	0.010 18.00
	h) Commercial	A '000 HA	1.06	-	0.03
		P '000 MT	-	-	0.6
3.	Misc. contingencies		LS	LS	LS

E. FLORICULTURE DEVELOPMENT :

- 1) Purchase and supply of 1 inputs like (seed/planting materials PP chemicals for beautification of Govt. complex

LS LS LS

Sl No	Items	Unit	8th Plan Target	1990-91	1991-92
E.	2) Supply of inputs like flower seeds planting materials, hormones etc. for sale at 50% subsidy		LS	LS	LS
	3) Establishment of flower nursery and raising of Nursery	'000 No.	75	15	15
F.	<u>PLANTATION CROPS :</u>				
	1) Raising of nursery	No	5	-	2
	2) Supply of planting material free of cost	'000 Nos.	LS	-	LS
	3) Cultural operation	Ha.	LS	-	LS
G.	<u>EXTENSION TRAINING AND FARMERS EDUCATION :</u>				
	1) Purchase of communication equipments, T.V. Video Camera, Projector etc.	No.	LS	-	-
	2) Publication of Magazines, booklets etc.	'000 No.	700	-	-
	3) Seminar/Exhibition	No	30	-	-
	4) Conducted Tour	Batches	25	-	-
	5) Demonstration based on fertilizer, variety, P.P.Equipment & chemical, and Improved Implements	No.	100	-	-
	6) Purchase of fertilizer, PP Chemical, equipment & implements & other inputs	MT	LS	-	-
	7) Purchase of Vehicle and maintenance	No	1	-	-
H.	<u>HORTICULTURAL RESEARCH :</u>				
1.	Salary of Officer and staff including Travel expenses	Nos.	15	-	-
2.	Purchase and maintenance of Vehicle	No	1	-	-
3.	Construction of building	No.	16	-	-
4.	Land Development	Ha	20	-	-
5.	Farm contingency for supply of inputs wages, fencing etc.	LS	LS	-	-

7. FINANCIAL TARGET

SI No	Items	8th Plan Target	1990-91	1991-92
<u>A. ESTABLISHMENT</u>				
1.	Salary of Officer & Staff	35.00	5.84	6.00
2.	Construction of buildings	8.00	-	-
3.	Purchase of maintenance of Vehicles	3.0	-	1.50
4.	Rent	1.00	-	-
5.	Office expenses & other contingencies	2.50	-	0.50
TOTAL :		50.00	5.84	8.00
<u>B. FRUITS DEVELOPMENT :</u>				
1.	Supply of planting materials etc. at 50% subsidised sale	75.00	8.56	11.00
2.	Maintenance of Horticultural farm for production of seedlings	35.00	8.00	8.00
3.	Rejuvenation of old citrus trees	30.00	2.00	2.00
4.	Field contingencies and O.E.	10.00	1.00	1.00
TOTAL :		150.00	19.56	22.00
<u>C. VEGETABLE DEVELOPMENT :</u>				
1.	Purchase of vegetable seeds hormones etc.	24.00	7.60	7.00
2.	Purchase of Home Science appliances & utensils	2.00	-	0.50
3.	Vegetable Farm maintenance (for seed production)	10.50	2.00	2.00
4.	Installation of sprinkler	1.50	-	0.50
5.	Conservation of Water through water storage reservoirs	2.0	1.0	-
TOTAL :		60.00	10.60	10.00
<u>D. SPICES DEVELOPMENT :</u>				
1.	Supply of seed/seedlings for plantation and production	15.00	8.00	3.00
2.	Maintenance of farm for production of spices			
a)	Large Cardamom farm at Champhai	5.00	0.80	1.00
b)	Ginger	5.00	1.00	1.00
c)	Maintenance of Pepper rooted cutting at Vairengte Farm	6.00	1.00	1.00
d)	Purchase of Citronella for production	2.00	1.00	0.50
e)	Turmeric		0.20	0.20
f)	Cinnamom		0.20	0.20
3.	Misc. and Field contingency	0.50	0.80	0.10
TOTAL :		45.00	13.00	7.00

Sl No	Items	8th Plan Target	1990-91	1991-92
E. FLORICULTURE DEVELOPMENT :				
1.	Purchase & supply of necessary inputs like seeds/planting materials, P.P. Chemicals etc. for beautification of Govt. complex free of cost and for 50% sale	12.00	4.00	2.00
2.	Raising of flower nursery	3.00	1.00	1.00
TOTAL :		15.00	5.00	3.00
F. PLANTATION CROPS :				
1.	Raising of Nursery	15.00	-	4.00
2.	Supply of Planting Material free of cost	15.00	-	4.00
3.	Cultural operations	10.00	-	2.00
TOTAL :		40.00	-	10.00
G. EXTENSION TRAINING AND FARMERS EDUCATION :				
1.	Purchase of Communication equipment	1.00	-	-
2.	Publication	0.80	-	-
3.	Supply of inputs for demonstration	2.45	-	-
4.	Conducted tour/seminar/Exhibition	3.00	-	-
5.	Purchase of Vehicle & maintenance	2.75	-	-
TOTAL :		10.00	-	-
H. HORTICULTURE RESEARCH :				
1.	Purchase and maintenance of Vehicles	2.00	-	-
2.	Office Expenses	0.50	-	-
3.	Construction of Office & Maintenance	2.00	-	-
4.	Purchase of Equipments	1.00	-	-
5.	Land Development for 20 Ha	3.00	-	-
6.	Farm fencing	1.00	-	-
7.	Supply of inputs	0.20	-	-
8.	Wages etc. for Research Works	0.30	-	-
TOTAL :		10.00	-	-
GRAND TOTAL :		380.00	54.00	60.00

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : PRODUCTION COMPLEX AND
WATERSHED MANAGEMENT PROJECT

During 7th Plan one Watershed Management Project covering 5,670 hect. area was taken under NEC and state sector on 50:50 basis. The total outlay of state share was Rs. 84.50 lakhs and during 7th plan period total expenditure on the scheme was 79.12 lakhs. Due to increase in the cost of materials and labour charges the amount proposed was not sufficient to complete the project as per suggested Land Use Plan. It is therefore being completed during 1990-91 satisfactorily.

The action Programme highlighted in the strategy paper on Agro Climatic Zonal Planning has approved implementation of one Production Complex Project in Mizoram. Tentatively Tuiphai Project Complex at N. Vanlaiphai and Tuirial will be taken up from the 2nd year of 8th Plan.

The basic objective of the approach is to ensure optimum and rational utilisation of resources physical and human for sustained growth.

For formulation of the project the following survey has already been completed.

1. Socio-Economic Survey
2. Soil Characteristics and land capability classification
3. Water balance
4. Biological Survey of flora and fauna, forestry etc.
5. Status and potential of handicraft and hand loom.

On the basis of above survey the following component will be taken in production complex.

1. Rice, Maize - Oilseed/Pulses - Orange
2. Poultry and Dairy-Forestry-Cane and Bamboo-Craft

For implementation of production complex detailed guidelines recommended by Zonal Planning Team will be followed.

- | | |
|-----------------------------|---|
| 1. Approved Outlay 7th Plan | - Rs. 84.50 Lakhs
(Rs.45.00 pre revised) |
| 2. Expenditure 7th Plan | - Rs. 79.12 Lakhs. |

3. Proposed Outlay 8th Plan	-	Rs. 345.00 lakhs
4. Approved Outlay 1990-91	-	Rs. 15.00 lakhs
5. Proposed Outlay 1991-92	-	Rs. 20.00 lakhs
6. <u>PHYSICAL TARGET</u>		

Sl No	Items	Unit	Proposed 8th Plan	Approved 1990-91	Proposed 1991-92
A.	<u>WATERSHED MANAGEMENT PROJECT AT DARLAK</u>				
	a) Land levelling, bounding etc. by Machineries	Ha	150	150	-
	b) Irrigation	Ha	150	150	-
	c) Afforestation	Ha	100	100	-
	d) Agricultural inputs	MT	LS	LS	-
	e) Livestock/fisheries	LS	LS	LS	-
	f) Horticulture	Ha	50	50	-
	g) Misc. Expenditure	LS	LS	-	-
B.	<u>PRODUCTION COMPLEX AT N.VANLAIPHAH</u>				
	a) Land Development	Ha	435	-	50
	b) Soil Conservation Programme				
	i) Vegetable check dam.	Mtrs.	2100	-	100
	ii) Loose stone check dam	Cu.m	417	-	50
	iii) Larten checkdam	No	20	-	2
	iv) Stone masonry check dam	No	12	-	2
	v) Drop spillway	No	3	-	-
	vi) Agrastology	LS	LS	-	LS
	vii) Blanket Protection by willow trees	MT	1500	-	100
	viii) Revetment	M	259	-	-
	ix) Bed digging	Cu.m	800	-	50
C.	<u>IRRIGATION :</u>	Ha	200	.	50
D.	Agriculture Development	Ha	435 (Net) 2645 (Gross)	-	270
E.	Afforestation	Ha	800	-	100
F.	Roads/Storage	KM	20/2	-	5

Sl No	Items	Unit	Proposed 8th Plan	Approved 1990-91	Proposed 1991-92
G.	<u>Livestock Development</u>				
	a) Piggery	Unit	100	-	10
	b) Cattle	Unit	50	-	5
	c) Poultry & Duckery	Unit	60	-	10
H.	Horticulture Development	Ha	300	-	50
I.	Pisculture	No. of ponds	60	-	5
B.	Other Enterprise crafts	Unit	50	-	5
K.	Project Management	No	1	-	1

7. FINANCIAL TARGET

Sl No	Items	Proposed 8th Plan Outlay	Approved 1990-91	Proposed 1991-92
A.	<u>Watershed Management at Darlak</u>			
	1) Land levelling bunding etc. by machinery	5.00	5.00	-
	2) Irrigation	4.00	4.00	-
	3) Afforestation	1.00	1.00	-
	4) Agriculture Inputs	2.00	2.00	-
	5) Livestock/Fisheries	1.00	1.00	-
	6) Horticulture	1.00	1.00	-
	7) Misc. Expenditure	1.00	1.00	-
	TOTAL :	15.00	15.00	-
B.	<u>Production Complex at N. Vanlaiphai and Tuirial</u>			
	1) Salary & Establishment	35.00	-	2.00
	2) Survey etc.	2.00	-	2.00
	3) Land Development	80.00	-	5.00
	4) Soil Conservation	30.00	-	2.00
	5) Irrigation	35.00	-	2.00
	6) Afforestation	40.00	-	2.00
	7) Agriculture Development	65.00	-	2.00
	8) A.H. & Vety	35.00	-	-
	9) Horticulture	35.00	-	2.00
	10) Fishery	8.00	-	-
	TOTAL :	365.00	-	20.00
	GRAND TOTAL :	380.00	-	20.00

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : STATE SOIL SURVEY ORGANISATION
AND LAND USE BOARD

The soil survey organisation has completed till 1988-89 the following Soil Survey.

1. Reconnaissance Soil Survey	-	5,47,858.50 Ha
2. Detailed Soil Survey	-	97,856.00 Ha
3. Semi Detailed Soil Survey	-	41,580.00 Ha
		<u>TOTAL - 6,87,294.50 Ha</u>

During 1989-90 total area covered under different Soil Survey was.

1. Reconnaissance	-	2,87,000.00 Ha
2. Detailed	-	30,000.00 Ha
		<u>TOTAL - 3,17,000.00 Ha</u>
		<u>G. TOTAL - 10,04,294.50 Ha</u>

During 8th Plan, it is envisaged to complete the remaining area of Mizoram under Reconnaissance Soil Survey and same under detailed Soil Survey as follows :-

1. Reconnaissance Soil Survey of remaining area of Kolodyne catchment	-	2.68 lakhs Ha.
2. Reconnaissance Soil Survey of Teirei Serlui, Longai, Tuirini, Tuichang, Tiau and Khawthlang Tuipui river catchment.	-	9.97 lakhs Ha.
3. Detailed Soil Survey of Mat river Kau and De and Kolodyne river catchment.	-	1.50 lakhs Ha.
		<u>TOTAL - 14.15 lakhs Ha.</u>

The 12 No posts created and filled up during 7th Plan Period will also be maintained during 8th Plan period.

State Land Use Board operated in Mizoram under Central Sector Scheme during 7th Plan period will no more be continued as Central Sector Scheme during 8th Plan Period (w.e.f. 1.4.91). Government of India advised to arrange entire cost from State Plan allocations. The 5 posts created and filled up under the scheme will also be maintained in 8th Plan from 1991-92 onwards.

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1. Approved Outlay during 7th Plan - Rs. 17.00 lakhs
2. Expenditure during 7th Plan - Rs. 22.18 lakh
3. Proposed Outlay for 8th Plan - Rs. 55.00 lakhs
4. Approved Outlay for 1990-91 - Rs. 8.00 lakhs
5. Proposed Outlay for 1991-92 - Rs. 10.00 lakhs

6. PHYSICAL TARGET :

Sl. No.	Items	Unit	8th Plan Target	Approved target 90-91	Proposed target 91-92
1.	Staff to be maintained	Nos.	17	12	17
2.	<u>Area to be covered :</u>				
	a) Reconnaissance	'000 Ha	1265.00	250	253
	b) Detailed	-do-	150.00	30	30
3.	Purchase of survey instrument etc. and Remote Sensing data.	No.	L.S	L.S	L.S
4.	Construction of Remote Lab.	No.	1	1	-
5.	Purchase of Laboratory Instruments and Chemicals	No.	L.S.	L.S.	L.S.
6.	Purchase of Jeep and maintenance	No.	3	-	1

7. FINANCIAL TARGET :

Sl. No.	Items	Proposed 8th Plan outlay	(Rs. in lakhs)	
			Approved outlay 1990-91	Proposed outlay 1991-
1.	Salary /T.E of Officer and staff.	30.00	3.80	5.60
2.	Purchase of camping materials	2.55	-	0.40
3.	Wages of labour for soil survey works	5.95	1.00	1.10
4.	Purchase and maintenance of Jeep for Soil Survey party.	4.30	-	0.30
5.	Purchase of Survey equipment Remote sensing data and instruments.	5.50	1.60	1.60
6.	Purchase of Computer and maintenance.	2.50	-	-
7.	Office Expenses and Misc. Contingencies for preparation of project reports.	2.50	0.40	0.50
8.	Construction of Remote Sensing laboratory and maintenance	1.70	1.20	0.50
TOTAL :		55.00	8.00	10.00

SCHEME NO. 15

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : ASSISTANCE TO SMALL AND MARGINAL FARMERS

During 7th Plan period the A.S.M.F. Scheme has been implemented under CSS on 50:50 financial pattern by State and Central Share. It has been decided to take up whole Scheme under Plan Sector from 1990-91.

Under this Programme, Small and Marginal Farmers which are known as Mizoram as Rural families and who are below poverty line have been given assistance as per the norms of assistance of Rs. 5,000/- per family.

The programme of the Scheme has been taken up by Rural Development Department, Government of Mizoram through D.R.D.A.'s. Now, Government of Mizoram decided that the Programme should be implemented by Agriculture Department, Government of Mizoram from 1991-92. Under the Programme Small and Marginal Farmers will be assisted in respect of Minor Irrigation, Land Development and Minikits of Improve High Yielding Varieties Seeds and Fertilizers.

1. Approved 7th Plan Outlay -
2. Actual Expenditure during 7th Plan -
3. Proposed Outlay for 8th Plan - Rs. 350.00 Lakhs.
4. Proposed Outlay for 1991-92 - Rs. 50.00 Lakhs.
5. Physical Target :

Sl No	Item	Unit	8th Plan Target 1990-95	Approved Target 1990-91	Proposed Target 1991-92
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1.	MINOR IRRIGATION.	HA	1,000	-	300
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S1 No	Item	Unit	8th Plan Target 1990-95	Approved Target 1990-91	Proposed Target 1991-92
2.	<u>MINIKITS :</u>				
	a) Fertilizers	Units	2,000	-	500
	b) Pulses	"	2,000	-	500
	c) Oilseed	"	2,000	-	500
	d) Cereals	"	2,000	-	500
3.	Land Development	Hect.	1,000	-	250

6. FINANCIAL TARGET :

S1 No	Items	Proposed Outlay for 8th Plan 1990-95	Approved Outlay 1990-91	Proposed Outlay 1991-92
1.	Minor Irrigation	140.00	-	18.00
2.	Minikits of Seeds & Fertilizers	100.00	-	15.00
3.	Land Development	100.00	-	15.00
4.	Misc. contingency	10.00	-	2.00
TOTAL :		350.00	-	50.00

HEAD OF DEVELOPMENT : CROP HUSBANDRY
NAME OF THE SCHEME : CROP INSURANCE

It is proposed to implement Crop Insurance Scheme from the 2nd year of 8th Plan. The committee constituted in Mizoram will be revived for its implementation. The Bank Management will be requested to cover Cereals, Pulses, Oilseed, Vegetables and other horticultural crops (Orange) in their loan programme so as to implement the scheme.

1. Approved Outlay for 7th Plan - Rs. 8.00 lakhs
2. Expenditure during 7th Plan - Rs. Nil
3. Proposed Outlay for 8th Plan - Rs. 4.00 lakhs
4. Approved Outlay for 1990-91 - Rs. Nil
5. Proposed Outlay for 1991-92 - Rs. 1.00 lakhs
6. PHYSICAL TARGET :

Sl No	Items	Unit	Proposed Target 8th Plan	Approved Target 1990-91	Proposed Target 1991-92
1.	Coverage of area under different crops	'000 Ha	10.00	-	1.00

7. FINANCIAL TARGET :

Sl No	Items	8th Plan Target	1990-91	1991-92
1.	Payment of Policy (Insurance to Bank)	4.00	-	1.00
TOTAL :		4.00	-	1.00

II. HEAD OF DEVELOPMENT : AGRICULTURE RESEARCH AND EDUCATION
NAME OF THE SCHEME : AGRICULTURE RESEARCH AND EDUCATION

A. RESEARCH :

ICAR has got one sub-centre at Kolasib to conduct research on Agriculture subjects which is not sufficient to meet the requirement of the State. Therefore, it is necessary now to conduct research in small units at different places in five Districts. In 1990-91 we have laid out 13 plots so as to find out simple techniques but scientific as to how to develop permanent jhum where one can cultivate the same plot atleast for three years together in one shift. Jhuming which is pre-dominant in Mizoram, though not paying cannot be abandoned overnight. It is true that jhum areas shrinks every year but it is necessary to find out ways and means to improve jhuming. Side by side some small research on fertilizer efficacy, performance of different varieties of rice under various altitudes and soil types are also conducted. It is proposed to have various other small research in various manners in each District through the S.M.S.

B. EDUCATION :

So far there has been 90 odd Agriculture graduates serving in the Department. About 70 students are persuing their education in several colleges and about 10 candidates are sponsored every year. The candidate will be given scholarship @ Rs. 500/- per month and book grant @ Rs. 1,000/- per academic year. Actual Journey fare limited to second class in Railway and State Transport Bus fare once for joining the Institute and once for home Journey on completion of the course will be given. It is proposed to continue these during 8th Plan and more importance will be attached to study of post graduate leading to Ph.D and Agriculture Engineering.

1. Approved Outlay during 7th Plan - Rs. 15.00 lakhs
2. Expenditure during 7th Plan - Rs. 19.12 lakhs
3. Proposed Outlay for 8th Plan - Rs. 60.00 lakhs
4. Approved Outlay for 1990-91 - Rs. 10.00 lakhs
5. Proposed Outlay for 1991-92 - Rs. 12.00 lakhs
6. PHYSICAL TARGET :

Sl No	Particulars	Unit	8th Plan Target 1990-95	1990-91	91-92
A. RESEARCH :					
	1. Trial to be conducted	Nos	60	12	12
	2. Purchase of Inputs	qtl.	LS	LS	LS
	3. Purchase of Jeeps	No.	-	1	1
	4. Fencing of trial	Nos	12	-	-
B. EDUCATION :					
	1. Student to be deputed for higher study.	Nos			
	B.Sc (Agri)		50	10	10
	M.Sc (Agri)		15	3	3
	Ph.D		5	1	1
	Agril. Engineering		15	3	3

7. FINANCIAL TARGET : (Rs. in lakhs)

Sl No	Items	8th Plan Target 1990-91	1990-91	91-92
A. RESEARCH				
	1. Trial	10.00	2.00	2.00
	2. Purchase of Jeeps & Maint.	3.50	2.00	0.30
	3. Purchase of inputs and field contingencies	5.00	1.00	1.00
	4. Fencing	3.30	-	2.70
	TOTAL :	25.00	5.00	6.00
B. EDUCATION				
	1. Stipend	25.00	3.00	4.00
	2. Book Grant	5.00	1.00	1.00
	3. T.E.	2.50	0.50	0.50
	4. O.E.	2.50	0.50	0.50
	TOTAL :	35.00	15.00	6.00
	GRAND TOTAL :	60.00	10.00	12.00

III. HEAD OF DEVELOPMENT : AGRICULTURAL MARKETING
NAME OF THE SCHEME : AGRICULTURAL MARKETING

Agricultural Marketing is making a steady improvement in quick disposal of local produce in the interior from one place to another with the improvement of surface network of transport and with the help of 24 marketsheds and 6 market godowns constructed by the Department till 1988-89. One cold storage under construction for storage of perishable goods. The cultivators will be assisted in bringing their produces particularly vegetables to the market in the towns by providing departmental trucks at subsidised rate in peak season. Support price will also be introduced whenever necessary.

The 10 Nos. posts created and filled up during 7th Plan period will also be maintained during 8th Plan period.

1. Approved Outlay 7th Plan - Rs. 100.00 Lakhs
2. Expenditure during 7th Plan - Rs. 129.07 Lakhs
3. Proposed Outlay for 8th Plan - Rs. 155.00 Lakhs
4. Approved Outlay for 1990-91 - Rs. 35.00 Lakhs
5. Proposed Outlay for 1991-92 - Rs. 40.00 Lakhs
6. PHYSICAL TARGET :

Sl No	Items	Unit	Proposed 8th Plan Target	Approved Target 1990-91	Proposed Target 1991-92
1.	Salary of Officers and staff	No	10	10	10
2.	Construction of cold storage at Tlahung	No	2	1	1
3.	Price support subsidy	MT	L.S.	L.S.	L.S.
4.	Hiring of Private Vehicle	No	L.S.	L.S.	L.S.
5.	Air conditioning of Insulated van	No	2	1	1
6.	Wages and Misc. contingencies.	No	L.S.	L.S.	L.S.

7. FINANCIAL TARGET :

(Rs. in Lakhs)

Sl No	Items	Proposed 8th Plan Target	Approved Target 1990-91	Proposed Target 1991-92
1.	Salary & T.E. of Staff	25.00	4.00	4.20
2.	Construction of cold storage and other facilities	75.00	22.00	25.00
3.	Price support subsidy	25.00	4.00	4.80
4.	Hiring of Private Vehicle	15.00	3.00	3.00
5.	Air conditioning of Insulated van	10.00	1.00	2.00
6.	Wages	5.00	1.00	1.00
TOTAL :		155.00	35.00	40.00

DRAFT 8TH PLAN 1990-1995 FOR SOIL & WATER CONSERVATION
DEPARTMENT

The land is a precious but often fragile natural resource. It must be used with care. Cutting down virgin tropical forest can lead to serious soil erosion problems. The soil beneath a rain forest is very thin. When the trees are cleared, the soil can quickly become poor and useless for growing crops. Rain, wind, and sun do their work, and eventually only a hard desert like surface is left. Soil is eroded by rain, especially by the torrential rain that falls at certain times of the year. The large rain drops hit the ground with great force and break up the soil. If the water is not absorbed in the earth, it forms streams which gather power as they go, scooping out deep channels along which water rushes down, carrying everything before it. The water must, therefore, be prevented from flowing away. In order to do this, the land must be framed along its contours; banks and terraces must be built and the soil be left rough so that the water will sink into it more easily. Since trouble may begin above the cultivated area, it is necessary to protect the top of the hills by planting trees, whose roots and falling leaves help to hold up the water till it sinks into the ground. In Mizoram, such natural soil erosion is compounded by the practice of jhum cultivation. Slashing and burning of the vegetative cover exposes the soil to the natural elements and leads to severe soil erosion, landslides, and diminishing fertility of the soil.

Water is also a prime natural resource, a basic human need, a precious natural asset. In Mizoram, there is an acute scarcity of drinking water inspite of the fact that we have over 200 cms. of rainfall every year. Not only that, our paddy fields cannot be irrigated and our fruit crop plantations are in danger of being wiped out due to inadequate irrigation. The precipitation washes away fertile soil leading to erosion forming gullies, landslides, etc. Further, deviation in rainfall from the normal leads to meteorological drought which has not yet been recognised as a criterion for relief expenditure by the Finance Commission.

Our achievement in the 7th Plan have been modest. Among other things 3600 ha. have been terraced, 2600 ha. have been put under irrigation, Soil Conservation Engineering works like gully control measures, Stream Bank Erosion Control, etc. have been implemented benefitting 2600 ha. of land, Cash Crops, pipsas, and Mized plantations have been developed over an area of 3260 ha. benefitting 3000 families.

Also 2800 ha. of such plantations have been maintained, 107 people have been trained. However, the preceding plans did not avail of mapping facilities assisted by data from NRSA and Aerial photographs. The systematic watershed approach could not be adopted owing to lack of professionalism as multi-disciplinary support was lacking. Biological control of Erosion as grasses was not tried out of fear of destruction by fire. These deficiencies are sought to be made good with some measures in the 8th Plan.

By and large, the areas are hilly and subject to erosion. The valleys in between hills are vulnerable to flush floods and temporary water logging. The drainage banks are subject to large scale erosion, Jhum Cultivation has led to widespread deforestation. The Forest Department in some case is engaged in deforestation of virgin forest in the mean time they do Multi-Cropping.

For the purpose of 8th Five Year Plan 12-Watersheds have been identified in Mizoram. Schemes are been undertaken in various watersheds giving priority to the altitudes and zonal behaviour of zonal crops to ensure that the schemes are successful

Soil Testing Lab. : Since Soil Chemistry is essential to effect Conservation, an independent Soil Testing Laboratory is proposed to be created for better and effective implementation of scheme on land use studies. The laboratory existing in the Agricultural Department could not assist the Soil Conservation Department during the 7th Plan. Even basic data relating to Soil class identification could not be provided. A provision is therefore made for a Soil Testing Laboratory to engage in work relating to Soil & Land use classification.

Cash Crops: Cultivation of Cash Crops like Coffee, Rubber, Large Cardamom etc. establishes sub-soil moisture regime and brings to live several springs. Cash Crops cultivation in Mizoram has a vast scope and from the exercise over the past few years which receives a very encouraging response from the cultivators side. These crops being non-perishable in character has a good prospect in such a difficult terrain of Mizoram. According to the Government recommendation of 1989-90 the Cash Crop cultivation scheme is to dealt by Agriculture Department. Since the Soil Conservation organisation is multi-disciplinary, the transfer of particular staff dealing in Cash Crop particularly is not there in the Department so the Soil Conservation Department can extend assistance in implementation of this scheme in case it is regarded required.

In respect of Research and Demonstration area the Soil Conservation Department will take up Cash Crop plantation departmentally in 8th Five Year Plan as it was in the case of previous Five Year Plan.

Organisation : To scope with the new schemes being introduce as well as to service on going schemes an expansion of organisation is envisaged. There is also a perceived lack of trained hydrologist meteorologist and Engineers who are sought to be inducted during 8th Five Plan. Larger outlay on Direction and Administration are also required in view of the backward and difficult character terrain.

Large areas are in the remote localities and many are frequently cut off from each other. It is, therefore, proposed to open 4 (four) Divisions at Kolasib, Saiha, Tlabung, and Mamit. These Divisions will have to be supported by 17-new ranges which are proposed to be created. 34 posts are to be created for the purpose of administration. So buildings will have to be constructed during the 8th Plan to meet the requirement of the 8th Plans. 8-Jeeps will be purchased and 20-godowns will have to be constructed.

Engineering Division : For strengthening the Engineering Section, 26-posts are proposed. These include 1(One) Assistant Soil Conservation Officer(Engg) 5-Junior Engineers and 20-supporting staff. The Hydrometeorology section requires 3-Assistant Soil Conservation Officers (Hydrology) 8-Junior Engineers(Hydrology) and 16-Field Assistants. It may be collected in this field for 8th the plan due to lack of Technical man power.

Research, Training & Education : Research and Training in Soil & Water Conservation is an essential aspect of the War Against erosion and waste. A Training Institute has been set up at Durtlang and the 8th Plan proposes to strengthen this Institute so as to enable it to be of use in the Soil&Water Conservation effort in Mizoram. A skeleton staff of 21-posts are proposed to be created in this scheme during 8th Plan.

The total outlay proposed for 8th Five Year Plan is Rs. 2200.00 lakhs under State Plan. The 8th Plan target is to develop 2400 ha. land food crop cultivation, 1500 ha. under Biological control of erosion by tree and grass planting and ha. to be guarded against erosion by Soil Conservation erosion control works. Total number of families to be benefitted is 300ha providing a scope of generating self employment to their families.

All these schemes taken up in 7th Five Year Plan are completed by 31-3-1990 but the same schemes are taken up in 8th Plan in different locations benefitting different group of population of Mizoram. This will provide more scope to families to get employment benefit and to improve socio-economy. These schemes are proposed to be implemented in compact area basis and watershed programming.

The total proposed outlay for 8th Five Year Plan is Rs. 2200.00 lakhs including the cost of Aibawk Jhum Control Replication Scheme for Soil&Water Conservation Works only. The cost of Aibawk Jhum Control Replication scheme is Rs. 870 lakhs for Hnahthial Rural Development Block Development under Jhum Control. Covering all Developmental Departmental works where Soil & Water Conservation sector is covered by Rs. 275 lakhs.

A replication schemes of Aibawk Pilot Project has also been proposed to be taken up at Reiek, Hnahthial and Chawngto Community Development Block under Central Assistance Schemes Sector. This is at Sl.No.11. This scheme is an Integrated approach to Area Development.

Summary of Schemes :

The Schemes adoption as below are arranged in priority basis :

1. Run off retarded scheme.
- ~~2. Conservation Water Use Scheme.~~
2. Water Resources Development and Conservation Schemes.
3. Conservation Engineering Works.
4. Soil and Moisture Conservation Scheme.
5. Organisation Built Up Scheme.
6. Research, Education and Training.
7. Demonstration & Education Purpose Scheme.
8. Infrastructure Development.
9. Inputs Supply.
10. Quality and Improved Planting Material.
11. Conservation and Development of Denuded areas.
12. A Replication of Aibawk Pilot Project Scheme.

SCHEME WISE DESCRIPTION:

SCHEME NO. 1

HEAD OF DEVELOPMENT : LAND AND WATER RESOURCES DEVELOPMENT

NAME OF SCHEME : RUN OFF RETARDING SCHEME
(Terracing Scheme).

During monsoon water races down the long slopes and attain the erosive velocity. A break in flow permits the volume running down the slope to be reduce and thereby reduces the danger of erosion. Under this head the following schemes are proposed :-

- (a) Terracing land development with excess flood disposal channel.

Terrace are constructed on hill slope upto 40% slope. The cost of construction increases with the increase of slope. The cost of terrace construction at 50% subsidy is Rs.6000/- During monsoon the terrace are over flooded and become subject to damages by Soil wash and bring dis-lodging etc. To avoid this each terrace is proposed to be provided with to drain. Cost of per hectare drain is Rs.1500/-.

contd.....

The 8th Plan outlay proposed for this scheme is Rs.79.50 lakhs to develop 1325 ha. of cultivable terraces and will effect benefit to 662 families.

The 7th Plan Financial achievement is Rs.10239 lakhs against a physical achievement of 3260 ha. of terrace lands.

(b) Reclamation of low lying areas between 5-10% slope by Mechanised method using Dozers.

The low lying area reclamation is considerably expensive if man power is used because this work involves removal of strumps, and difficult construction and levelling of wide terraces. Where is mechanical method renders terrace construction economic and easy. The Soil & Water Conservation Department has 2-Dozers Operators whose services can be utilised.

During 8th Plan it is proposed to develop 260 ha. of such terraces by Dozer use at an outlay of Rs.15.50 lakhs under State Sector.

(c) Contour Bunding/Ditches:

The lands having a slope gradient upto 8" are proposed to be put under Contour Bunds. Such areas in the uplands will be put under Contour/Ditches. 7th Plan achievement is 224ha. against an agreed target 138 ha. During the 7th Plan Rs.3.43 lakh is spent.

The proposed 8th Plan target is 600ha. against an outlay proposed of Rs.21.00 lakhs.

(d) Renovation of Terraces :

Due to heavy surface run off effect some terraces are required to be repaired and put to normal use. In the previous Plan it was not taken up. During 8th Plan it is proposed to renovate 660ha. of old terrace at a proposed outlay of Rs.9.90 lakhs.

(e) Conservation of Terrace Catchment by Fruit Tree Plantation and Grass Plantation:

To improve soil binding, deep percolation and reduce flood occasions in the terraces fruit tree planting and grass planting is proposed to be done in the terrace catchment. Grass planting is also proposed on rivers and marginal bunds of terraces to protect and stabilise them against wash damages.

8th Plan target is 1000ha. and outlay proposed is Rs.9.90 lakhs.

SCHEME NO. II

NAME OF SCHEME - WATER RESOURCE DEVELOPMENT AND CONSERVATION SCHEME:

In view of the paucity of Ground Water in Mizoram, surface water needs be stored and used for increased food production and forest wealth. The drinking water problem in Mizoram must be solved in this fashion. The following schemes are drawn to overcome the geo-environmental constraints during the 8th Plan.

(a) WATER HARVESTING PONDS IN NATURAL DRAINAGE COURSE COUPLED WITH SILT DETENTION DAMS:

Natural depressions can be used for this purpose. During 8th Five Year Plan 100 such ponds constructions are proposed to cover 500ha. of land and outlay proposed is Rs.13.00lacs.

(b) DUG OUT PONDS WITH CC/POLYTHENE SHEET BED LINING:

These ponds have received discouraging response from public sector in Aizawl and Saiha Districts. During 8th Plan, is proposed to construct 100nos. such ponds to benefit 500ha. land. For this an outlay of Rs.12 lakhs is proposed.

Under Schemo No.II total outlay proposed is Rs.25. lakhs and total target is 1500 ha. to benefit.

SCHEME NO. IIINAME OF SCHEME : CONSERVATION ENGINEERING PRACTICE MEASURE

Such measures are necessary in view of the gullies and erosion caused during the wet season. Low lying areas in t are rendered toxic owing to the deposits that the streams carry. Control of silts in uplands by planting of trees and deep root grasses and protection of bank lands by spur construction are corrective engineering measures. Following scheme are drawn to tackle erosion, its effect prone areas and erosion effected ar

1. GULLY PLUGGING/CONTROL: Gullies are plugged with earth check dams, vegetative and gabion box filled rocks check dams. To av peak flood damage, the structures are provided with spill ways. During 7th Plan 120nos. of small checkdams were constructed at expenditure of Rs.13.98 lakhs.

The 8th Plan proposal as below -

Scheme Components	(Area in ha. Rs. in lakhs)	
	Target Proposed 8th Plan	Outlay Proposed 8th Plan
	No.	Area to benefit
a) Earthen checkdams	200	400
b) Vegetative Checkdams	200	400
c) Rock fill gabion box type checkdam	160	200
d) Tree and deep rooting grass planting	-	1000
Total :-	500	2000

2. RIVER TRAINING MEASURES: This is very urgent to adopt in low lying areas for Conservation and Protection of Paddy Lands. This is a fresh scheme and 3 types of measures are proposed to implement during 8th Five Year Plan. These schemes will enable to remove erosive bending and meandering of streams running through paddy lands, accommodate the excess water that cause flooding of the paddy lands.

The proposals for outlays and target for 8th Five Year Plan is shown below :-

B. ADMINISTRATION:

With the expansion of our schemes, the administrative operations have to grow; during the 8th Plan, 4-Divisions and 17-Rangers are proposed to be opened, keeping in mind the compulsions of terrain, _____ Officers and Staff are proposed to be inducted during the 8th Plan. The total outlay proposed is Rs.31.40 lakhs. Office expenditure will amount to Rs.91.40 lakhs. The outlay are available at Statement-I.

C. PLANNING, MONITORING AND EVALUATION:

A token provision has been made in the 7th Plan for 1-Planning Officer and Research Officer. They have faced great difficulties in dis-charging their work efficiently. Further, the new schemes have multiplied the activities of this branch of the organisation. The following posts are proposed to be created:-

1. 1- Assistant Soil Conservation Officer (Minimum qualification a Science Graduate) from recognised University with B.Tech(Engg)
2. 2(two) Assistants (Minimum qualification Graduate in Science securing 50% marks in Mathematics).
3. 2- Nos. L.D.C. (P.U.C. with 2nd Division in Metric and Typing speed 80 p.m.)
4. 2nos. - U.D.C. (who should also be qualified as in (2) and typing speed 80 p.m.)
5. 1 - Artist with diploma certificate and must be PUC passed.
6. 1 - Jeep Driver.
7. 2 - Peons
8. 1 - Steno (Must be a graduate from a RU with diploma Certificate.

TOTAL : - 12 Nos.

The outlay proposed is Rs.20.50 lakhs which include Office expense and the purchase of a Jeep during 8th Plan period.

D. MONITORING AND EVALUATION CELL :

It is proposed to create 10 posts, under this new Cell with an outlay of Rs.23.15 lakhs. During the 7th Plan the Cell was proposed to be created but could not be done owing to paucity of funds.

E. ENGINEERING DIVISION:

This is a priority sector as per the recommendation of the State Planning Board as found in their communication dated 15.10.1969 and numbered No.G-20014/89-90/PLG. The need for Engineering Hydrologists and multidisciplinary support for Planning and design in Mizoram has been felt by both the State Government

15-posts are proposed to be created during the 8th Plan. In addition, a Hydrology Cell with 2 posts are proposed to be created. These include 1 Assistant Soil Conservation Officer (Hydro) Junior Engineer (Hydro) and 2 Field Assistants. The total number of posts created under Engineer is 17 and the outlay proposed is Rs.51.40 lakhs.

F. SOIL CONSERVATION AND LAND USE CAPABILITY CLASSIFICATION UNIT:

17-posts are proposed against an outlay of Rs.55.25 lakhs for outlay of 8th Five Year Plan. Office expenditure comes to Rs.55.25 lakhs and salaries to Rs.9.00 lakhs 17 posts are to be created.

G. INFORMATION, PUBLICITY AND LIBRARY WING:

This branch of the organisation will deal with the dissemination of information through magazines, pamphlets, films, trade fairs, books, etc. Expenses are also to be incurred on the creation of posts, office expenses, purchase of a Jeep, organisation of a Seminar and participation in a national fair. Rs.44.35 lakhs has been provided for the 8th Plan, 4-posts are proposed to be created with an outlay of Rs.3.60 lakhs.

H. RECORDS & STORE SECTION:

This section shall be responsible for computerisation and filing of documents as well as maintenance of records. This section will have one record Assistant, one L.D.C.-cum-Typist and one Chowkidar in the Headquarters. In addition, 1-curators and 1-Chowkidar would be posted in the headquarters and Division. The total outlay proposed for the 8th Five Year Plan is Rs.17.60 lakhs and this covers the cost of a 1-computer.

During 7th Plan 12-posts under Direction, and 72-posts under Administration are created and filled up. Expenditure involved is Rs.116.29 lakhs.

SCHEME NO. VII

NAME OF SCHEME : RESEARCH, EDUCATION & TRAINING

There is a Training Institute in Durtlang which started functioning in May, 1989. As such, its aim has been to train IV-Grade Staff. During the 8th Plan, Rangers are also proposed to be trained here. The component schemes are :

1. Organisation and Infrastructure of the training Institute.
2. Research Studies - (a) Field preparation for Soil and Water Studies, (b)-Hydro-matricalogical station. (Observatory and (d) Transport Development,
3. Education for in-service personnel.

21 posts are proposed to be created during the 8th Plan with an outlay of Rs.132.30 lakhs.

During 7th Five Plan no staff could be inducted due to restraint on post creation. For infrastructure build up and training of in-service personnel Rs.12.19 lakhs is spent.

SCHEME NO. VIII
INFRASTRUCTURE

Approach roads are required to be constructed from the main roads to Departmental Buildings and Godowns. Trucks, Tractors and Machines are required for transport, tillage, Coffee and Rubber processing, plant protection, irrigation and terraces. The total outlay for this section is Rs.253.00 lakhs during 8th Plan. The following is the break up :

1. PURCHASE OF LAND FOR OFFICE BUILDING:

This Directorate of Soil Conservation and Divisional Office in Aizawl are functioning in a rented building which costs Rs. 4.00 lakhs every year. The Department therefore proposed a purchase of land worth Rs.25 lakhs during the 8th Plan. The 7th Plan Achievement is nil.

2. BUILDING:

Buildings are required under direction and administration. The construction called for under Direction are to be found in Statement II. 14 buildings are proposed to be constructed during the 8th Plan with an outlay of Rs.57.00 lakhs. 47 buildings are to be constructed under Administration during the 8th Plan. The outlay proposed is Rs.83 lakhs. The 7th Plan achievement is 81 buildings constructed and 57 buildings maintained. Expenditure made is Rs.5.00 lakhs under Direction and 46.14 lakhs under Administration.

3. APPROACH ROAD:

Rs. 10.50 lakhs is to be spent during the 8th Plan to construct 25 Kms. of approach road. 19 Kms. approach road is maintained during 7th Plan period. Financial achievement made is Rs.5.46 lakhs.

4. LINK ROAD AND BRIDAL PLAN:

A target of 20 Kms. has been set with an outlay of Rs.12.50 lakhs for the 8th Plan. 50% subsidy will be provided. During 7th Plan 70 Kms. link road has been constructed at an expenditure of Rs.13.05 lakhs.

5. MACHINERY:

As indicated in the Statement-II the target is fixed as below :

	<u>8th Plan</u>		<u>7th Plan Achievement</u>	
	Target	Outlay	Physical	Financial
Trucks	2	9.50	2	-
Tractors	1	4.00	1	-
B/Dozer	1	15.00	-	-
Small Tillager	30	1.00	-	-
Power Tiller	2	7.50	-	-
Water Pump	4	1.25	2	0.30
Copier Xerox	1	4.80		
	<u>Total:- 43.50</u>			

For maintenance of the machinery Rs.22.60 lakhs is to be spent during 8th Plan period. The total outlay under machinery is Rs.76.10 lakhs.

SCHEME NO. 1A

Input supply of the following schemes are envisaged:-

(a) Rubber tree guard : 850 plant guards are proposed to be purchased during the 8th Plan with an outlay of Rs.20.00 lakhs. This will prevent damage of seedlings by rodents and wild life.

(b) Fencing material :

i) Barbed Wire : It is proposed to purchase 60 M.T. of Barbed Wire in the 8th Five Year Plan involving an outlay of Rs.20.00 lakhs.

ii) Angle post 3700 posts are to be purchased in the 8th Plan involving an outlay of Rs.15.00 lakhs

(c) Implements : Hoes, spades, crowbars, etc. are supplied as kind component of a 50% subsidy for terrace and other works. It is proposed to spend Rs.12.00 lakhs during the 8th Plan on implements.

(d) Fertilizer: 20.00 lakhs are to be spent on fertilizers, insecticides, pesticides and other chemicals - during 8th Plan. 50 M.T. of fertilizers are to be used.

(e) Transport: Rs.6.50 lakhs is proposed to meet transport cost in the 8th Plan.

	<u>Target</u>	<u>Outlay</u>
Rubber Tree Guard	850	20.00 lakhs
Fencing B/Wire	60 M.T.	20.00 lakhs
Angle Post	3700 posts	15.00 lakhs
Implement	L.S.	12.00 lakhs
Fertilizers etc.	50 M.T.	20.00 lakhs
Input Transport	L.S.	6.50 lakhs

Total :- -----

During 7th Plan Rs.30.35 lakhs is spent for purchase of 1044 M.T.Fertilizer, 180 Qtls. fencing materials, 1557 number of small implements.

SCHEME NO.X

ADAPTIVE DEMONSTRATOR & EDUCATION SCHEME

Practice is better than precept. Demonstrating to the people is more important than theorizing. Accordingly, the following schemes have been envisaged :-

1. a) Construction of model terrace at 15-locations on a total area of 30ha.
 - b) Demonstration of cultivation practices.
 - c) Construction of irrigation and storage tanks to demonstrate ways and means of conserving water.
- The 8th Plan outlay on this scheme is Rs.37.00 lakhs.

2. Demonstration of Cash Crop Plantation Technique :

- a) Rejuvenating plantations of Coffee and Rubber.
- b) Demonstrating cultivation of Tea, Betel Vine and Black Pepper.
- c) Grape experiment and Demonstration. As per the advice of the Central experts team, who visited Mizoram in last week of November, 1989, this scheme is projected for demonstration in a selected areas. 50 ha. area will be taken up in 8th Five Year Plan at a cost of Rs.36.00 lakhs.
- d) Trial-cum-Demonstration Unit for cloves and cinamon. It is proposed to cover 30 ha. in the 8th Plan with an outlay of Rs.10.10 lakhs.

During 7th Plan, 30-ha. Demonstration Plantation on Large Cardamom and Tea was taken up. Expenditure made is Rs.7.49 lakhs.

SCHEME NO.XI

QUALITY & IMPROVED PLANTING MATERIAL

DEVELOPMENT SCHEME:

Planting material procured from local suppliers had not been satisfactory. It is, therefore, proposed to build up Nurseries of Coffee, Rubber, Betel Vine, Black Pepper, etc. Nurseries are proposed to be raised in every Range during the 8th Plan. 20-ha. of land are proposed to be earmarked for the purpose. The crop wise distribution is shown at Statement-II. The expenditure proposed is Rs.156.90 lakhs.

During 7th Plan 48ha. Nursery was created for raising Coffee, Rubber, Tea and Misc. Species at an expenditure of Rs.37.11 lakhs.

SCHEME NO. XII

HEAD OF DEVELOPMENT : CONSERVATION OF LAND & WATER RESOURCES
NAME OF SCHEME : CONSERVATION & DEVELOPMENT OF DENUDED AREA

The shortening of the Jhum cycle coupled with Jhum cultivation in the vicinity of the national highway have led to the development of denuded areas. During the monsoon, more than 700 land slides occurred in the showers of July, 1988 between Aizawl and Lunglei. 80-landslides were recorded in the Chaungte-Lunglei and Tlabung - Lunglei Sectors 20-big landslides occurred in the Laungtlai-Lunglei sectors. Corrective measures are fencing planting of trees like pine, Horse Chesnut, Oak and Jackfruit, and grasses like nappier and Quatemala. The urban areas have seen a proliferation of high rise buildings and lost of life and property owing to landslide. These areas are also proposed to be covered under this scheme :-

1. Conservation of tree species : Fencing and planting are proposed under this programme. 1500 ha. involving an outlay of Rs.27.00 lakhs are proposed for implementation during the 8th Plan.

2. Conservation of roadside : All erosion prone areas are to be brought under tree covers and are to be safe guarded by constructing head diversion drains to safe gullies. This will involve construction of a series of head dams, silt detention dams and spillways. The eroded areas will be equipped with a retaining wall made with gabion boxes filled with rocks. _____ projects will be taken up during the 8th Plan. The following works will be implemented :-

- i) Tree Plantation 500ha.
- ii) Safe disposal head drains 50nos.
- iii) Construction of chuted & spillways 50nos.
- iv) Construction of retaining wall 50nos.
- v) Head dams for silt detention 100nos.
- vi) Silt detention 100nos.

500ha. will be benefitted. The outlay proposed for the 8th Five Year Plan is Rs.85.00 lakhs.

3. Avenue planting in cities and towns:

This will provide a barrier to surface run-off, increase deep infiltration, and reduced the flood volume in drains. Water springs will be rejuvenated and air pollution and the possibility of landslides will be reduced. During the 8th Plan, 2-lakhs plants are proposed to be planted and 2-tonnes of seeds for hedged will be procured and planted. This will bring about the greening of 100ha. The outlay proposed is Rs.9.70 lakhs.

SCHEME NO. XIII
INTEGRATED BLOCK DEVELOPMENT SCHEME

INTRODUCTION:

The Aibawk Community Development Block Integrated Development Scheme has reflected successful approach for dealing Jhumia Cultivators to reduce jhum impact. The State Government is enthusiast to take up such a replication scheme in three more areas in Mizoram viz. Reiek Community Development Block, Hnahthial C.D. Block and Chawngte C.D. Block.

These three blocks are in three Districts of Aizawl, Lunglei and Chhimiupui.

Objective of the Scheme:

The terrain character and traditional agriculture (Jhum cultivation) has made it a compulsion to go for such a scheme that provides rehabilitation of jhumia mass and protection to land and water resources of the State.

Duration of the Scheme:

This scheme is proposed to be implemented within 8th Five Plan beginning from 1990-1991.

INTEGRATED BLOCK DEVELOPMENT SCHEME
HNAHTHIAL COMMUNITY DEVELOPMENT BLOCK

INTRODUCTION:

In the light of Aibawk Pilot Project, Hnahthial Community Development Block is proposed to be developed in the 8th Five Year Plan period. It is integrated approach and all the development Departments will participate. Under one Nodal Officer, Technical and Extension Staff will work in this Project. Monitoring and Evaluation will be done by the Department of Soil & Water Conservation.

BRIEF DESCRIPTION OF THE BLOCK :

The Hnahthial town is on 54 NH at Aizawl-Lunglei Sector. The block comprises of 26-villages most of which lies in the eastern belt of Lunglei district. Many of the villages are remote and lacks road communication. The farthest villages people take 2-3 days to reach Hnahthial town for fetching life.

saving medicines and essential commodities.

There are around 3500 house holds in the Block. Total population is around 20,000. The population in general depend on Agriculture. The flat land potential for agriculture is 2600 ha. Most of the agricultural families depends on rainfed Jhum Cultivation and there is vast scope for terrace cultivation horticulture, fisheries, etc. Sericulture is feasible for the interior villages for advantages in transporting the goods.

OBJECTIVE OF THE SCHEME:

To provide viable assistance to the Jhumia Cultivators to stop Jhum Cultivation and to enable them to take up other means of livelihood.

VILLAGES INCLUDED IN THE PROJECT:

Name of Villages	No. of families	Total families to bring under scheme
1. Rawpui	100	80
2. Khawnglung	20	15
3. Pangzawl	350	330
4. Thiltlang	150	135
5. Khawhlum	15	15
6. South Chawngtui'	55	50
7. Tarpho	50	40
8. Khawhri	52	45
9. Aithur	30	20
10. Churhlun	270	260
11. Ngharchhip	52	50
12. Thingsai	300	240
13. Bualpui(N)	70	60
14. Muallianpui	140	130
15. Lungpuitlang	30	25
16. South Vanalphai	300	280
17. South Lunglang	60	60
18. Hnahthial	800	700
19. Denglung	20	20
20. Kutkaw	2	2
21. Leite	100	95
22. East Rotlang	60	55
23. Tuipui (Darzokai)	60	55
24. Darzo	160	150
25. South Mualthum	80	80
26. Thiltlang (Bawk)	26	26

TOTAL :- 3240 2943

APPLICATION OF THE PROJECT PROGRAMME:

The Jhum families eligible to be included in this scheme are those who are not a Government employees; a businessmen or traders, already assisted under any other trades by any Government agency (holding a plantation or developed agricultural land comes under this category).

ESTIMATED EXPENDITURE OUTLAY:

Rs.30,000/- per family is being spent under Aibawk Block for five year. The same rate is proposed. Total expenditure outlay is Rs.275 lakhs.

MODE OF SCHEME OPERATION:

The scheme is a central sponsored one. The families will be grouped into a number of trade groups as per their choice of trade. Each family will be assisted on 2ha. base Projects involving multiple disciplines and trades.

Each family will be directly involved in development of their area. The Government will extend all technical guidance.

SCHEME ADOPTION AND DETAILS:

The following schemes are proposed to be adopted.

Schemes	No. of families to benefit	Area to develop	Technical staff required from
1. Valley flat lands	600	1200ha	Soil & Water Conservation
2. Terrace construction with irrigation facilities	600	1200ha.	-do-
3. Plantation Development			
a) Coffee	150	300ha.	-do-
b) Tea	150	300ha.	-do-
4. Sericulture	300	600ha.	Sericulture
5. Farm Forestry	300	600 ha.	Forest
6. Dairy Farming	100	200ha.	(.H. & Vety.
7. Piggery	200	400ha.	-do-
8. Poultry	100	200ha.	-do-
9. Home stead vegetable garden with Irrigation facilities	400	800ha.	Agriculture

TOTAL :- 2900Nos. 5800ha.

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(A) - DIRECTION

Strengthening of the Directorate Administration and improvement of the system of works in the Directorate level for achieving faster progress in the development works in Animal Husbandry and Veterinary has to be taken up. This will indirectly make benefits for the General Public and the Rural People in particular. The required total financial outlay under the head-Direction is, Rs. 132.15 lakhs only for the whole 8th Five Year Plan period. Out of which Rs. 28.00 lakhs is earmarked for 1991- 1992.

Sl. No.	ITEMS	UNITS	Physical Target			Financial outlay		
			90-95	90-91	91-92	90-95	90-91	91-92
1	2	3	4	5	6	7	8	9
<u>DIRECTION :</u>								
a)	<u>STRENGTHENING OF DIRECTORATE:</u>	Unit	20	2	9	26.25	1.70	3.40
b)	<u>CONSTRUCTION OF :</u>							
i)	Directorate building.	No	1	1	1	90.00	5.00	20.00
ii)	Veterinary Building.	No	4	2	2	8.00	1.60	2.00
iii)	Repair of Existing building	No	6	4	2	2.00	0.40	0.20
c)	<u>MACHINERY/EQUIPMENTS.</u>	LS	-	-	-	1.90	0.40	-
d)	<u>MATERIAL / SUPPLY:</u>	LS	-	-	-	2.00	0.55	0.40
e)	<u>OTHER CHARGES:</u>	LS	-	-	-	2.00	0.35	0.40
<u>TOTAL OF 'A'</u>			-	-	-	132.15	10.00	28.00

contd.... 2/-

(B) - ADMINISTRATION

The District Administrations has also to be strengthened to provide facilities for efficient execution of development and normal departmental works in the District level on whatever directions received from the Directorate now and hereafter. Therefore, opening of some four new District Offices, in addition to the five existing district offices, are proposed during the 8th Five Year Plan. The proposed New District Offices will be located at Serchhip, Hnahthial, Lawngtlai and Aizawl West.

The total financial outlay proposed under the head Administration for the 8th Five Year Plan is Rs. 161.88 lakhs only out of which Rs. 9.55 lakhs is earmarked for 1991-1992. The fund estimated here included all the proposed expenditure which may be incurred for strengthening and improvements of all the five existing District Offices and the Three Sub-Divisional Offices.

Sl. No.	ITEMS	UNITS	Physical Target			Financial (Lakhs)		
			90-95	90-91	91-92	90-95	90-91	91-92
1	2	3	4	5	6	7	8	9
A. ADMINISTRATION:								
I. a) Establishment of 4 new District Offices at AIZAWL WEST: SERCHIP: HNAHTHIAL AND LAWNGTLAI:								
		No	42	-	7	52.78	-	15
	b) Construction of D.V.O. Offices and Quarters.	No	48	-	-	42.60	-	1.10
	c) Machinery/Equipments.	IS	-	-	-	14.00	-	2.00
	d) Material /Supply.	IS	-	-	-	6.00	-	0.30
	e) Other charges.	IS	-	-	-	11.00	-	0.40
	TOTAL OF I.	-	-	-	-	126.38	-	6.75
II. a) STRENGTHENING OF 5 EXISTING DVO'S OFFICES AT AIZAWL: MOLASIB: CHANTHIAL: BUNGHEL AND SACH/								
		No	12	-	-	23.40	5.90	2.80
	b) OTHER CHARGES.	IS	-	-	-	4.20	-	-
	TOTAL OF II.	-	-	-	-	27.60	5.90	2.80
III. a) STRENGTHENING OF 14 DVO'S: MAMIT: LEDI: TEHRUNG.								
		No	19	17	-	5.50	3.60	-
	Repairs of existing buildings	No	2	2	-	0.40	0.20	-
	Machinery/Equipments.	IS	-	-	-	0.50	0.10	-
	Material /Supply	IS	-	-	-	0.50	0.10	-
	Other charges.	IS	-	-	-	1.00	0.10	-
	TOTAL OF III.	-	-	-	-	7.90	4.10	-
	TOTAL OF 'B' :-	-	-	-	-	161.88	10.00	9.55

(c) - EXTENSION & TRAINING

Under the head-Extension & Training various proposals have been made for-

a) Improvements of the School of Vety. Science at Selesih by providing some more teaching and office Staff and for which a sum of Rs.17.90 lakhs only is estimated. Scholarships for 20 students every year @Rs.250/-per head per month with Rs.300/-book Grant per student have also been provided. The successful trainees in the School of Vety. Science (When they are given appointment in the Department) are designated as Vety. Field Assistants etc.

Further, Scholarship for 260 students of B.V.Sc. during the span of five years @ Rs.500/-per students per month with Rs.1000/-Book Grants per head per annum have also been calculated and included under the scheme.

b) Farmers training in Livestock and Poultry Farming have also to be conducted at Selesih and fund for stipend @Rs.250/-per trainee per month is provided. Duration of such training will be one month.

c) Construction of additional buildings such as staff quarters etc., will also be taken up.

d) Provision for purchase of equipments etc., required for research works by I.C.A.R. Scientists at Selesih is also given under the schemes. The total fund estimated under the head. Extension & Training is Rs.62.70 lakhs only. The proposed outlay for 1991-92 is Rs.16.00 lakhs only.

Sl. No.	ITEMS	UNITS	Physical Target			Financial Target		
			90-95	90-91	91-92	90-95	90-91	91-92
1	2	3	4	5	6	7	8	9
I. <u>EXTENSION & TRAINING</u>								
I. a) Improvement of School of Vety.								
	Science at Selesih	No 31	8	4	18.20	3.85	3.90	
	b) Scholarship/Stipendi)	VEA. No. 140	20	30	7.40	1.46	1.46	
	ii) B.V.S c.	No 260	52	52	20.70	4.14	4.14	
c) Construction of offices & Quarter								
		No 15	8	8	8.90	3.00	5.00	
d) Machinery/Equipments								
		LS -	-	-	1.20	0.60	0.30	
e) Material/Supply								
		LS -	-	-	0.60	0.30	0.10	
f) Other charges								
		LS -	-	-	2.00	0.65	0.30	
TOTAL OF I.		-	-	-	59.00	14.00	15.20	
II.								
a) Improvement of Research works								
		-	-	-	0.50	0.10	0.10	
b) works								
		No 2	2	-	0.50	0.10	0.10	
c) Machinery/Equipments								
		LS -	-	-	1.50	1.50	-	
d) Material/Supply.								
		LS -	-	-	0.60	0.20	1.10	
e) Other charges								
		LS -	-	-	0.50	0.10	0.10	
TOTAL OF II		-	-	-	3.60	2.00	0.40	
TOTAL OF 'C'		-	-	-	62.70	10.00	16.00	

I (C) - 4

(D) - VETERINARY SERVICES AND ANIMAL HEALTH

Under the Veterinary Services & Animal Health, up-gradation of three Dispensaries into Vety. Hospitals are proposed such as Saiha, Champai and Kolasib and these will be strengthened by providing the required additional technical staff and by constructing Hospital Buildings with staff quarters.

Apart from estimate for improvements of some of the existing Veterinary Dispensaries, there have been proposals for opening 15 Nos. of new Veterinary Dispensaries, all in rural areas. These are Hnahlan, Khawhai, Biata, Kawrthah, Bairabi, Ngopa, Darlawn, Zembawk, S. Vanlaphai, Tawipui South, Thingsai, Khawbung, Farkam, Dungtlang and Ruantlang.

The existing rural Animal Health Centre are also to be increased in various places and for such new establishments 28-Villages are selected. 14 Nos. in Aizawl District, 6 Nos. in Lunglei District and 8 Nos. in Chhimitpui District.

Improvement of Central Medicine & Vaccine Depot and Disease Investigation Laboratory are also being given importance by providing fund for the post of Laboratory-Technician and S.V.S.A., i/c Store.

Hence, the total financial outlay proposed under the Head Veterinary Services & Animal Health, is Rs. 406.19 lakhs only. Out of this Rs. 64.83 lakhs is earmarked for 1991-1992.

1	2	3	4	5	6	7	8	9
D. <u>VET. SERVICES AND ANIMAL HEALTH</u>								
I. a) Upgradation of Veterinary Dispensaries at Saiha, Kolasib, Chawngte, and Strengthening of existing Hospital at Aizawl, Lunglei.								
	No	54	16	13	39.68	1.40	8.50	
(b) Works: Construction of:-								
i) Hospital	No	3	1	1	5.00	2.00	1.50	
ii) Repair of existing Hospital buildings.	No	2	-	-	3.80	-	2.80	
iii) V.S. Quarters.	No	13	-	1	4.50	-	1.50	
iv) Staff Quarters.	No	11	-	2	11.20	-	1.60	
v) Operation Theatre.	No	1	-	-	1.50	-	-	
c) Machinery/Equipments.	LS	LS	LS	LS	7.00	-	1.00	
d) Material/Supply.	LS	LS	LS	LS	1.90	-	0.40	
e) Other charges	LS	LS	LS	LS	3.40	0.60	0.70	
TOTAL OF I.		-	79	17	17	77.98	4.00	18.00

I (C) - 5

1	2	3	4	5	6	7	8	9
I.a)	Establishment of 15-Nos Vety. Dispensaries in different places and Improvement of existing Vety. Dispensaries.	No	-	-	-	45.30	2.80	4.70
b)	Works: Construction of :-							
i)	V.A.S. Quarter	No	16	-	1	24.00	-	1.50
ii)	Staff Quarter.	No	34	-	-	27.20	-	-
iii)	Grade-IV Quarter.	No	30	-	7	20.00	-	4.90
iv)	Dispensary buildings	No	15	-	6	12.00	-	4.80
v)	Repair of existing Dispy. Buld.	No	8	-	4	1.20	-	0.60
vi)	Repair of V.A.S. Quarter.	No	12	-	4	1.20	-	0.40
c)	Other charges.	RS	LS	LS	LS	8.00	-	2.50
TOTAL OF II.		-	115	-	22	138.90	2.80	19.40
I.a)	Establishment of 20-Nos. Rural Animal Health Centres.	No	82	12	20	36.50	0.55	3.30
b)	Works: Construction of :-							
i)	A.H. Centres buildings.	No	28	2	2	19.60	1.40	1.40
ii)	Staff Quarters.	No	30	2	2	21.20	1.40	1.40
iii)	Grade-IV Quarters.	No	28	2	6	16.80	1.20	3.60
iv)	Repair of existing staff-Qtr.	No	17	-	-	1.70	-	-
v)	IV-Grade Quarter.	No	17	-	-	1.36	-	-
TOTAL OF III.		-	202	18	30	97.16	4.55	9.70
a)	Strengthening of Central Medicines and Vaccine depot at Aizawl.	No	4	4	2	2.85	0.45	0.50
b)	Rent.	No	1	1	1	4.80	0.96	0.96
c)	Machinery/Equipments.	RS	LS	-	-	35.00	7.00	7.00
d)	Material/Supply	LS	LS	-	-	42.70	8.00	8.00
e)	Other charges.	LS	LS	-	-	1.00	0.10	0.10
TOTAL OF IV.		-	5	5	3	86.35	16.51	16.56
a)	Strengthening & Improvement of Disease Investigation Laboratory at Aizawl.	No	3	3	-	2.60	0.50	0.53
b)	Machinery/Equipment	LS	-	-	-	0.75	0.15	0.15
c)	Material/Supply	LS	-	-	-	1.25	0.25	0.25
d)	Other charges.	LS	-	-	-	1.20	0.24	0.24
TOTAL OF V.		-	3	3	2	5.80	1.14	1.17
GRAND TOTAL OF 'D'		-	-	-	-	406.19	29.00	61.97

contd...6/-

5. (F) - INFORMATION & STATISTICS.

The Information & Statistical Wing is also proposed to be strengthened by providing additional staff. Improvement of statistical data, publication of literatures, magazines, etc., are being taken up for the benefit of Livestock & Poultry Breeders. Participations in Livestock & Poultry Show and in Agriculture Fair etc., are proposed to be taken up more times during this five year Plan.

The total fund estimated under the head Information & Statistics, is Rs.38.44 lakhs only. Out of which, Rs.8.42 lakhs is proposed for 1991-1992.

Sl. No.	I T E M S	UNIT	Physical Target			Financial Outlay		
			90-95	90-91	91-92	90-95	90-91	91-92
<u>F. ADMINISTRATIVE INVESTIGATION & STATISTICS (INFORMATION & STATISTICS) :</u>								
I.	a) Strengthening of Information & statistics	no	11	1	5	25.25	2.10	5.50
	b) Machinery/Equipment	LS	-	-	-	6.95	2.55	1.40
	c) Material supply	LS	-	-	-	5.24	0.12	1.20
	d) Other charges	LS	-	-	-	1.00	0.23	0.20
<u>T O T A L : 'E'</u>			-	-	-	38.44	5.00	8.40

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6. (F) - CATTLE DEVELOPMENT :

Under Cattle Development Scheme maintenance and improvement of the existing Cattle Breeding Farms and Liquid Nitrogen Plant will be taken up. Apart from these, there are new proposals for establishment of:-

- a) Frozen Semen Processing Project at Tanhril.
- b) Cattle Breeding Farms at Kolasib & Champhai.
- c) Liquid Nitrogen Plant at Lunglei.

The total financial outlay for all these proposals, etc., is Rs.321.71 lakhs only. Out of this, Rs.22.00 lakhs is earmarked for 1991-1992.

Sl. No.	I T E M S	UNIT	Physical Outlay			Financial Outlay		
			90-95	90-91	91-92	90-95	90-91	91-92
1.	2.	3.	4.	5.	6.	7.	8.	9.
<u>CATTLE DEVELOPMENT :</u>								
I.	a) Establishment of Office of the Director Cattle Development	no	12	-	7	12.05	-	1.40
	b) Machinery equipments	LS	-	-	-	1.50	-	-
	c) Other charges	LS	-	-	-	2.60	-	-
TOTAL OF I		-	12	-	7	16.15	-	1.40
II.	a) SUBSIDY :	-	-	-	-	16.50	3.00	3.00
<u>III. SALARY :</u>								
III.	a) Improvement of existing liquid Nitrogen plant at Tanhril	no	3	2	2	3.05	0.60	0.65
	b) Machinery equipment	-	-	-	-	8.50	2.30	1.35
	c) Material supply	-	-	-	-	18.00	3.20	3.20
	d) Other charges	LS	-	-	-	9.00	2.00	1.20
TOTAL III		-	-	-	-	38.55	7.60	6.40
	a) Strengthening of CBF at Lunglei and Saiha	no	8	8	8	4.50	0.85	0.85
	b) Material supply	-	-	-	-	11.40	3.12	1.32
	c) Other charges	LS	-	-	-	3.00	0.33	0.30
TOTAL : IV		-	-	-	-	18.90	4.30	2.47

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V)							
a)Strengthening of CBF at Selesih & Mampui	no	-	-	-	20.25	4.56	3.75
b)Material supply	-	-	-	-	26.70	5.38	4.18
c)Construction of repair of qtrs.	-	-	-	-	4.20	2.10	-
d)Other charges	-	-	-	-	5.00	1.06	0.80
TOTAL : V					-	-	-
					56.15	13.10	8.73
VI)							
a)Establishment of Frozen Semen pro- cessing Project at Tanhril	-	-	-	-	12.45	-	-
b)Machinery equipment	-	-	-	-	22.20	-	-
c)Material supply	-	-	-	-	7.20	-	-
d)Constn.of office qtr	-	-	-	-	16.60	-	-
e)Other charges	-	-	-	-	1.80	-	-
TOTAL : VI					-	-	-
					60.25	-	-
VII)							
a)Establishment of Liquid Nitrogen Plant at Lunglei	-	-	-	-	2.93	-	-
b)Contn.of office Bui- lding & qtrs.	-	-	-	-	4.60	-	-
c)Machinery/equipments	LS	-	-	-	33.50	-	-
d)Other charges	LS	-	-	-	3.00	-	-
TOTAL : VII					-	-	-
					44.03	-	-
VIII							
a)Establishment of Cattle Breeding Farm at Champhai & Kolasib	-	-	-	-	29.10	-	-
b)Machinery equipment	-	-	-	-	5.40	-	-
c)Construction of bldgs	-	-	-	-	31.00	-	-
d)Material supply	-	-	-	-	2.00	-	-
e)Other charges	-	-	-	-	4.18	-	-
TOTAL : VIII					-	-	-
					71.68	-	-
TOTAL : 'F'					-	-	-
					321.71	28.00	22.00

(G) - POULTRY DEVELOPMENT

There are proposals for maintenance, improvements and new establishments under Poultry Development Scheme during the 8th Five Year Plan. Existing establishments such as Poultry Farms at Kolasib, Thingdawl, Selesih, Champhai Serchhip, Thenzawl, Lunglei, Mampui and Saiha are to be maintained and improved as far as possible. Beside these, one new establishment of layer chicks Production Farm at Tanhril is to be taken up during the 8th Five Year Plan.

Assistance to the interested Poultry Breeders in terms of subsidy are also being provided to:-

- a) Feed Transport Subsidy.
- b) Interest subsidy and,
- c) 50% chicks subsidy.

This programme will be benefitted mostly by rural people and partly by ^{sub-}town dwellers in Mizoram.

The total financial outlay proposed for 8th Plan under Poultry Development is Rs.305.47 lakhs only.

Sl. No.	I T E M	UNIT	Physical outlay			Financial Outlay		
			90-95	90-91	91-92	90-95	90-91	91-92
1.	2.	3.	4.	5.	6.	7.	8.	9.

G.I POULTRY DEVELOPMENT :

a) Strengthening of Poultry Development works	-	-	-	-	10.60	-	1.75
b) Constn. of qtrs.	-	-	-	-	6.70	-	-
c) Machinery equipments	-	-	-	-	1.50	-	1.50
d) Other charges	-	-	-	-	0.85	-	0.20
TOTAL OF I	-	-	-	-	19.65	-	3.45

II.

a) Establishment of layer chick production Farm at Tanhril	-	-	-	-	19.00	0.65	2.30
b) Construction of office & quarter	-	-	-	-	9.45	6.95	3.00
c) Machinery equipment	-	-	-	-	0.50	-	0.25
d) Material supply	-	-	-	-	6.00	-	1.63
e) Other charges	-	-	-	-	2.00	0.40	0.40
TOTAL OF II	-	-	-	-	45.95	8.00	6.58

III.

a) Strengthening of Poultry Farm at Selesih, Kolasib, Thenzawl, Serchhip, Champhai Thenzawl, Lunglei, Mampul & Saiha	-	-	-	-	59.99	5.61	5.23
b) Construction of Bldgs.	-	-	-	-	46.48	8.89	3.09
c) Machinery/equipments	-	-	-	-	6.18	3.05	-
d) Material supply	-	-	-	-	73.21	17.53	17.53
e) Other charges	-	-	-	-	6.80	1.36	1.30
TOTAL OF III	-	-	-	-	192.66	31.44	27.15
IV. SUBSIDY	-	-	-	-	19.42	1.90	1.90
total of iv	-	-	-	-	19.42	1.90	1.90

V.

a) Strengthening of existing Duck farm at Mampul & Thenzawl	-	-	-	-	4.60	0.81	1.11
b) Construction of repairs of duck house	-	-	-	-	3.80	1.20	-
c) Machinery equipments	-	-	-	-	0.80	0.19	0.19
d) Material supply	-	-	-	-	17.29	3.66	0.60
e) Other charges	-	-	-	-	1.70	0.40	0.30
TOTAL OF V	-	-	-	-	27.79	6.26	2.20
TOTAL OF 'G'	-	-	-	-	105.47	47.60	41.28

PIGGERY DEVELOPMENT :

Under Piggery Development Scheme there are proposals for improvement of existing Farms at Kolasib, Selesih, Thenzawl, Lunglei and Mampui. Apart from these, there are also proposals for new establishments of Piggery Demonstration Farms at Champhai and Saiha with 50 Cows unit each. These proposed new establishments of Piggery Farms is to provide facilities for the local people who are interested in pigs rearing for their economic uplift during the 3th Five Year Plan. Beside these, one more Piggery Production Farm with 150 Cows unit is proposed to be established at Thingdawl Farm where ample space for settlement of such large farm is readily available within the department land.

Programme for distribution of piglets on subsidy to the interested breeders is also included to boost up the production of meat in terms of pork in the State.

Therefore, the total financial outlay estimated under the head - Piggery Development is, Rs. 272.75 lakhs only.

	1	2	3	4	5	6	7	8	9
<u>PIGGERY DEVELOPMENT :</u>									
a) Strengthening of existing piggery farms at Thenzawl/Kolasib/Lunglei & Mampui.						32.56	-		5.50
b) Repair of existing buildings						7.00	0.90		0.25
c) Machinery/Equipments						5.24	2.16		0.20
d) Material/Supply						55.17	15.54		8.01
e) Other Charges						7.10	1.02		0.78
T O T A L OF 'I' :						107.07	23.50		14.34
a) Establishment of 30 sow unit piggery demonstration farm at Champhai and Saiha						11.90	-		-
b) Construction of buildings						28.00	-		1.50
c) Machinery/Equipments						6.83	-		-
d) Material/Supply						7.40	-		-
e) Other Charges						3.00	-		-
T O T A L OF 'II' :						57.03	-		1.50
a) Establishment of piggery production farm at Thingdawl						19.70	-		-
b) Construction of buildings						46.74	-		-
c) Machinery/Equipments						10.80	-		-
d) Material/Supply						17.57	-		-
e) Other Charges						5.25	-		-
T O T A L OF 'III' :						100.06	-		-
Subsidy of Piglets at Aizawl/Kolasib/Champhai/Lunglei/Chhintuipui Dist.						8.40	2.50		-
T O T A L OF 'IV' :						8.40	2.50		-
T O T A L OF 'III' :						272.75	26.00		15.34

'II' OTHER LIVESTOCK DEVELOPMENT :

• Improvement of local breeds of sheep and goat has also to be done by procuring good variety breeding Rams and Buck for distribution to the existing private breeders at free of cost. Meat type and coarse wool type of breeds are proposed to be procured from nearby states like Sikkim or Bhutan, 405 nos. each of Rams and Bucks are to be procured during the 8th Five Year Plan.

For meat production purposes, programme for distribution of rabbits on 50% subsidy is also included under the head - Other Livestock Development, 200 families are proposed to be assisted during the Five Year Plan with five couples of Rabbits for each family.

The total financial outlay estimated for the head - Other Livestock Development is Rs. 11.29 lakhs only.

1	2	3	4	5	6	7	8	9
<u>'II' OTHER LIVESTOCK DEVELOPMENT :</u>								
I.	a) Distribution of Rams & Ducks, Rabbits to interested breeders.					11.29	2.00	2.00
T O T A L O F 'II' :						11.29	2.00	2.00

'J' FEED & FODDER DEVELOPMENT :

Importance of feeds and fodders in the field of Livestock and Poultry Development could not be over emphasised. As such the Livestock & Poultry population in Mizoram also required quality feeds and fodders in sufficient quantities for more production of meat, milk & eggs. Keeping this in mind importance is given by proposing establishment of Feed Mixing Plant-cum-Feed Centre capable of supplying the required ready mixed feeds for various animals to the private breeders as well as to all the department farms. Under this scheme, provision has been put for salary of staff, for purchase^r required machineries, materials and for construction of staff quarters, etc.

Improvement of existing departmental fodder farms are also proposed to be done at Mampui, Lungpher, Thenzawl and Selesih. Seeds and roots of fodders are also to be distributed on subsidy to the interested fodder growers. Feeds transport subsidy is also provided under the scheme for private breeders through societies.

The total fund estimated under the scheme is Rs.145.00 lakhs only.

1	2	3	4	5	6	7	8	9
'J'	<u>FEED & FODDER DEVELOPMENT:</u>							
I.	a)	Establishment of feed mixing plant-cum-feed Centre at Aizawl.				14.75	-	2.70
	b)	Construction of office and quarters				12.40	-	5.60
	c)	Machinery/Equipments				19.00	-	15.00
	d)	Material/Supply				10.00	-	2.50
	e)	Other Charges				2.00	-	0.50
		T O T A L	O F I :			58.15	-	26.30

1	2	3	4	5	6	7	8	9
II.	a) Strengthening of feed mill-cum-Lab. at Selesih				5.25	1.06	0.75	
	b) Repair of Building				1.00	0.20	0.20	
	c) Machinery/Equipments				17.40	6.20	1.20	
	d) Material/Supply				0.60	0.60	-	
	e) Other Charges				1.50	0.44	0.40	
	T O T A L				25.75	18.50	2.55	
III.	a) Strengthening of fodder farms at Lunglei, Thenzawl and Mampui.				16.71	2.45	3.42	
	b) Repair of buildings				0.40	0.20	0.20	
	c) Machinery/Equipments				4.56	0.52	0.50	
	d) Material/Supply				2.66	1.69	0.64	
	e) Other Charges				1.50	0.14	0.34	
	T O T A L				25.83	5.00	5.10	
IV.	a) <u>Subsidy</u> :							
	Livestock feed transport subsidy for private farmers				26.29	6.50	5.20	
	T O T A L				26.29	6.50	5.20	
V.	Grant - in - Aid				9.00	-	-	
	T O T A L				9.00	-	-	
	T O T A L				145.02	30.00	39.15	

'K' OTHER EXPENDITURE :

Utilisation of non-conventional energies like Bio-gas is taken up in Mizoram under Animal Husbandry & Veterinary Department since sometime ago. Setting up of Bio-gas Plant, in rural and sub-urban areas have been undertaken successfully. 550 Nos. of such bio-gas plants are proposed to be set up during the 8th Five Year Plan. Construction of these plants for selected beneficiaries will be done on 50% subsidy. A sum of rupees seventy one point seven lakhs is estimated for construction of 550 plants including salary of staff, etc.

To avoid public health hazards through consumption of unwholesome meat from the meat markets in the state capital, Aizawl, proposal for setting up of modern slaughter house is made with minimum required technical and office staff. Construction of slaughter house building-cum-lirage, office-cum-godown and staff quarters are also to be taken up. Purchase of equipment and vehicle also will be necessary. Therefore, the total financial outlay under the head, Other Expenditure is Rs.129.25 lakhs only.

	2	3	5	5	15	7	8	9
'K' <u>OTHER EXPENDITURE :</u>								
a) Establishment of Joint Director office (Biogas)						15.70	1.00	4.10
b) Machinery/Equipments						1.50	-	1.50
c) Subsidy						55.00	11.00	11.00
d) Other Charges						0.40	-	0.10
<u>T O T A L OF I :</u>						<u>72.60</u>	<u>12.00</u>	<u>16.70</u>
a) Establishment of modern Abbatoirs. at Aizawl						14.05	-	3.70
b) Construction of slaughter house, etc.						30.00	-	25.80
c) Machinery/Equipments						8.60	-	6.60
d) Material/Supply						2.00	-	0.50
e) Other Charges						2.00	-	0.45
<u>T O T A L OF II :</u>						<u>66.65</u>	<u>-</u>	<u>37.05</u>
<u>T O T A L OF 'K' :</u>						<u>129.25</u>	<u>42.00</u>	<u>53.75</u>

'L' DAIRY AND MILK SUPPLY :

Under the scheme Dairy & Milk Supply, improvement of the existing Town Milk Supply at Aizawl, Lunglei and Saiha have to be taken up as follows :-

- (a) Purchase of Van for Milk distribution, Microtherm, pasteurizer, milk packing machine (Sachet) etc. for Aizawl Town.
- (b) Strengthening of staff and purchase of milk vans, Chilling plants, milk packing machines, dairy equipments, etc. for Lunglei and Saiha Town Milk Supply.

The total financial outlay for above is Rs.63.70 lakhs only.

1	2	3	4	5	6	7	8	9
'L'	<u>DAIRY AND MILK SUPPLY :</u>							
I.	a) Strengthening of Aizawl Town Milk Supply				0.30	-	0.10	
	b) Machinery/Equipments				17.70	12.00	5.55	
	c) Material/Supply				0.20	-	0.05	
	d) Other Charges				0.50	-	0.10	
	T O T A L	OF	₹ :		18.70	12.00	5.80	
	a) Strengthening of Lunglei Town Milk Supply, Salary, etc.				6.10	-	1.50	
	b) Construction of residential quarters				4.20	-	2.60	
	c) Machinery/Equipments				10.80	-	10.65	
	d) Material/Supply				0.40	-	0.10	
	e) Other Charges				1.00	-	0.25	
	T O T A L	OF	II :		22.50	-	15.10	
III.	a) Strengthening of Saiha Town Milk Supply				6.10	-	1.50	
	b) Construction of residential quarters				4.20	-	2.60	
	c) Machinery/Equipments				10.80	-	10.65	
	d) Material/Supply				0.40	-	0.10	
	e) Other Charges				1.00	-	0.25	
	T O T A L	OF	III :		22.50	-	15.10	
	T O T A L	OF	'L' :		63.70	12.00	36.00	

CENTRALLY SPONSORED SCHEME :
~~50% MATCHING CONTRIBUTION :-~~

For continuation of the programme under Centrally sponsored Scheme 50% matching contribution are provided in each of the following head of account :-

(a) Hinderpest Eradication Programme : Maintenance of existing staff, purchase of R.P. Vaccines, vaccine carriers, etc. are repair of existing buildings at check post, Vairengte are to be provided. For these purpose a sum of Rs.19.15 lakhs as 50% contribution has been estimated for the 8th Five Year Plan.

(b) Foot & Mouth Disease Control Programme: Under this scheme provision for purchase of 1,25,000 doses FMD Vaccines at Rs.5.00 lakhs for five years has been put as 50% matching contribution.

(c) Systematic Control of Livestock Disease of National Importance : 50% matching contribution for purchase of Swine Fever Vaccine, Antirabic Vaccine and B.Q. Vaccines is provided under this scheme. The total fund estimated for 8th Five Year Plan is Rs.15.70 lakhs only.

(d) Animal Disease Surveillance : Two Technical Staff and one office staff are to continue and including maintenance of office etc. a sum of Rs.5.95 lakhs is estimated for 8th Plan as 50% matching contribution.

(e) State Vety. Council : Maintenance of Council Office and extension of council hall etc. Rs.2.55 lakhs is estimated for 8th Five Year Plan as 50% matching contribution.

(f) Animal Husbandry & Statistics : Strengthening of Statistical Cell is given much importance by entertaining one post of Deputy Director and 3 more Enumerators including maintenance of existing staff. Hence, 50% matching contribution of Rs.16.55 lakhs is provided under the scheme for 8th Five Year Plan.

(g) Special Livestock Breeding Programme (Piggery Production Programme): Maintenance of two technical officers, ten field staff and five office staff are to continue 50% matching contribution of fund is provided for giving assistance to 3000 selected pig breeders in rural and sub-urban areas.

The total fund estimated as 50% matching contribution for the year 1990-1995 is Rs.84.55 lakhs only.

The Grant total of Centrally Sponsored Scheme is Rs.20.75 lakhs only.

149'45

TOTAL OF A.H., DAIRY AND C.S.S. IS Rs.22,00.00 lakhs.

I(C)/20

IMPROVEMENT OF OPERATION FLOOD-III (MDDB)

1. ~~ORIENTATIONS OF NUMBER-COUNTS OF OPERATIONS IN MIZORAM UNION (MIZORAM) - 1970-71.~~

PARTICULARS	YEAR OF OPERATION							TOTAL
	1.	2.	3.	4.	5.	6.	7.	
<u>1.0 : PHYSICAL DATA :</u>								
1.1 Induction of crossbred cattle	600	600	600	600	0	0	2400	
1.2 Induction of crossbred pigs	5200	5720	6240	7820	7280	7280	39000	
1.3 Crossbred cows	789	1221	1597	1597	2264	2329	10157	
1.4 Indigenious cows	1463	1463	1463	1463	1463	1463	8778	
1.5 Buffaloes	221	232	244	255	268	281	1501	
1.6 Pigs	5771	10007	10501	10996	11492	11989	60756	
1.7 Import of Animal Feed (MT)	1504.9	2437.2	2666.2	2889.5	3093.0	3210.0	15801.7	
<u>2.0 : FINANCIAL SUPPORT (Rs.000)</u>								
2.1 Subsidy on induction of crossbred cattle	1800.0	1800.0	1800.0	1800.0	0.0	0.0	7200.0	
2.2 Subsidy on induction of crossbred piglets	780.0	858.0	1014.0	1092.0	1092.0	1170.0	5850.0	
2.3 Transport subsidy & Service charges of animal feed	496.9	804.3	879.9	953.5	1021.0	1021.0	5214.6	
2.4 Mizoram Union's losses	575.3	0.0	0.0	0.0	0.0	0.0	575.3	
2.5 Societies Losses	41.1	0.0	0.0	0.0	0.0	0.0	41.1	
TOTAL :	3693.0	3462.3	3615.9	3767.5	2112.0	2229.3	18881.0	

GRAND TOTAL :

1(C)21

(O) - 'OPERATION RINDERPEST ZERO'

The Rinderpest Disease is a havoc to almost all the domesticated large animals and for Cattle & Buffaloes in particular. It is, therefore, considered as one of the livestock diseases of Nation importance. For complete control of this disease, the Central Government chalked out a programme designating 'OPERATION RINDERPEST ZERO'. For implementation of this programme, Mizoram state is also included within the area of the operation. The border line of Mizoram state is completely encircled to the east, west & southern side by foreign countries like Burma & Bangladesh. Through these international boundaries chances of spreading the disease at any time within the state which may endanger the lives of susceptible animals into the neighbouring states. Therefore, proposals for establishment of 9 surveillance unit-check posts along the international borders in the east and west of Mizoram is made.

The total financial outlay estimated for implementation of 'OPERATION RINDERPEST ZERO' is Rs.189.88 lakhs only including the 50% matching contribution under CSS amount of which is Rs.19.15 lakhs only.

Grand total of Animal Husbandry Centrally Sponsored Scheme, Operation Flood-III and operation Rinderspest is Rs.25,50,73 lakhs.

I T E M S	UNIT	Physical target			Financial outlay			
		90-95	90-91	91-92	90-95	90-91	91-92	
1.	2.	3.	4.	5.	6.	7.	8.	9.

'O' OPERATION RINDERPEST ZERO :

a)	Establishment	65.08	10.93	13.04				
b)	Works	46.00	45.50	-				
c)	Material/Supply	8.00	1.60	1.60				
d)	Machinery/equipments	47.80	29.40	4.60				
e)	Other charges	23.00	4.65	4.60				
TOTAL OF 'O'		189.88	92.08	23.84				
GRAND TOTAL FROM 'A' - 'O'		25,78.88	344.03	307.04				

-19.15

25,59.73

I (C) - 35

1992 - 1993					1993 - 1994						1994 - 1995					
AZL	LLI	CTP	KLB	CHP	DTN	AZL	LLI	CTP	KLB	CHP	DTN	AZL	LLI	CTP	KLB	CHP
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
-	0	-	-	-	31.00	-	-	-	-	-	28.15	-	-	-	-	-
16.80	14.00	14.00	1.40	1.28	-	16.78	13.20	13.00	2.45	2.25	-	16.75	14.00	12.00	2.66	1.7
-	-	-	-	-	9.55	-	-	-	-	-	9.55	-	-	-	-	-
28.50	20.50	13.00	21.06	21.06	-	28.50	20.50	13.00	21.06	21.06	-	28.50	20.50	13.00	21.06	21.06
-	-	-	-	-	8.50	-	-	-	-	-	8.04	-	-	-	-	-
36.00	10.70	10.01	16.80	17.06	-	36.50	10.65	10.00	16.35	17.07	-	36.00	10.70	10.01	16.80	17.06
16.00	35.50	16.20	15.60	15.36	-	16.50	13.00	16.40	15.40	15.36	-	16.00	13.30	16.40	15.96	15.06
15.37	15.36	16.72	15.00	14.35	-	16.72	15.37	15.36	15.01	14.35	-	16.37	15.36	16.72	15.00	13.36
-	-	-	-	-	2.30	-	-	-	-	-	2.39	-	-	-	-	-
18.00	4.00	2.29	0.50	0.50	-	20.29	4.50	0.50	-	-	-	20.00	4.00	1.29	-	-
45.00	2.00	1.00	-	-	-	5.00	2.00	1.00	-	-	-	4.50	2.00	1.00	-	-
3.90	1.00	1.00	-	-	-	3.80	1.00	1.00	-	-	-	2.00	1.00	1.00	-	-
-	-	-	-	-	34.96	-	-	-	-	-	34.45	-	-	-	-	-
179.57	81.06	74.22	70.36	69.61	86.31	144.09	80.22	70.26	70.27	70.09	80.58	140.12	80.86	71.42	71.48	68.23

NOTES :

- 1) DTN - DIRECTION
- 2) AZL - ANJAWL DISTRICT
- 3) LLI - LUNGLEI DISTRICT
- 4) CTP - CHEIMTULEI DISTRICT
- 5) KLB - KOLASIB DISTRICT
- 6) CHP - CHAMPRAI DISTRICT.

FISHERIES DEPARTMENT
APPROACH TO 8TH FIVE YEAR PLAN (1990-95)

INTRODUCTION

By the end of 7th Five Year Plan (1985-90) Mizoram is expected to have 2000 hectare of water area under fish culture. The annual level of fish production from the above sector and capture sector combined is expected to be around 2800 M.T.

Against the above background the department proposes to boost up the production level to 4000 M.T. by the end of 8th Five Year Plan to meet 50% of the fish requirement for the projected population of 8 lakhs.

In order to achieve above level of production it would be necessary to bring additional 650 hectares of water area in the culture sector which will require 13.2 millions of fingerlings for stocking.

The level of fish seed production within the state from the departmental farms and private sector by 1990 is expected at 2.9 millions of fingerlings. Thus the gap between the demand and the production being too wide (10.3 millions) it would be impossible to achieve the requirement unless nurseries with 11 ha. area are constructed at potential areas viz: Darlak, Mat valley, Tairei, Champhai Zawlnuam and Phura. As the total requirement of fish seeds could not be met from the public sector alone it calls for active participation of fish farmers in seed production activities. Emphasis is therefore proposed to be given for construction of nurseries in the private sector by giving financial assistance to the private Farmers under the scheme Assistance to Pisciculturist and technical guidance through extension media for transfer of technology of fish seed production to the farmers level.

For augmenting per hectare production of fish in the state it is essential to give maximum possible thrust in intensification of horizontal extension for creation of water areas by construction/improvement of Fish Ponds by arranging financial assistance, technical guidance and Bank Loan for the private pisciculturists through the Fish Farmers Development Agency. Besides, popularising the practice of paddy-cum-fish culture in the potential areas is also emphasised.

In order to improve the riverine fisheries it would be necessary to enforce legislation for conservation of Fisheries. Full exploitation of its natural resources through judicious conservative and stocking measure would better be accomplished by transferring the management of riverine fisheries presently vested with the Forest Department to the Fisheries Department. This will necessitate setting up a separate Riverine Wing under the Department.

For promotion of piscicultural activities it is necessary to boost up the extension facilities. It is therefore, proposed to have a separate Extension Wing under the department during the 8th Five Year Plan.

Fishery is gaining its popularity among the farmers in Mizoram as a subsidiary occupation very fast during the past five years. The average fish production is estimated at 1500 Kg/ha/yr. At present there are about 4500 fish farmers in the State who are benefited from the subsidiary income by production and selling of fish @ Rs.50-60/- per Kg. at the market value which gives a good earning to the people and generating employment thereby. Therefore, it is emphasised to augment the per hectare production of fish at the level of 2000 Kg/yr through careful monitoring of the developmental schemes like Fish Seed Production cum-farming for quality fish seeds control, Extension and Training to the farmers and Development of Riverine Fisheries which would necessitate strengthening of the Fishery organisation.

Presently the Fishery Department is functioning as a wing under the Directorate of Agriculture headed by a Joint Director of Fisheries in the Headquarter with District Fisheries Development Officers in the districts. Due to this weak organisational structure, the Fishery Development activities in the State are not being able to pick up the required momentum. It is therefore necessary to set up a separate Directorate of Fisheries in the 8th Five Year Plan to accelerate the pace of Fishery Development in the State.

Against the total outlay of Rs.176.75 lakhs the department has spent Rs.173.95 during the Seventh Five Year Plan (1985-90). In the interest of faster development of Fisheries in the States it would be necessary to have enhanced outlay. During the Eight Five Year Plan the proposed outlay is Rs. 350 lakhs.

ITEMWISE DESCRIPTION OF SCHEMES

1. DIRECTION & ADMINISTRATION

The existing Fishery Organisation is functioning as a Wing under the Directorate of Agriculture headed by a Joint Director of Fisheries with one District Fishery Development Officer each in the three districts assisted by 13 nos. of Fishery Officers, 14 nos of Asst. Fishery Officers and 28 nos of Fishery Demonstrators for the entire State. Due to this weak organisational structure the department faces a constraint in providing manpower for smooth implementation and functioning of the development programmes at various levels and could not pick up the required momentum.

During the 8th Five Year Plan it is proposed to man the department in line with the Agricultural districts sub-division and circles with modification and adequate staff posted for dissemination of piscicultural technology among the farmers. Thus the scheme envisages reorganisation of Fisheries into a separate Directorate with Riverine Wing and Information and Extension Wing and posting of Officers/Staff as per the detail set up stated below :-

Direction	Districts	Administration	
		Sub-division	Circles.
1) Headquarter administration	1. Aizawl	-	8
2) Riverine Wing		1) Lengpui	4
		2) Champhai	7
		3) Serchhip	5
3) Information and Extension Wing	2. Lunglei	1) Hnahthial	5
		2) Tlabung	4
	3. Chhimtui- dul.		2
		1) Lawngtlai	5
		2) Chawngte	2
	4. Kolasib	-	1
		1) Bilkhawthlir	3
		2) Lokicherra	4
Total :	4 districts	9 sub-div.	50 circles.

According to the proposed Organisation under the Directorate each District will be headed by District Fishery Development Officer and Sub-Division by Sub-Divisional Fishery Development Officer. Each District Fishery Development Officer will be assisted by one each of Fishery Extension Officer, Assistant Fishery Officer and Fishery Demonstrator and each sub-divisional Fishery Development Officer will be assisted by one each of Fishery Extension Officer and Fishery Demonstrator. Besides 1-Fishery Demonstrator will be posted in each circle under the charge of 1-Asst. Fishery Officer (4 circles will be placed under the charge of 1-Asst. Fishery Officer) and one Fishery Extension Officer will be made incharge of each of the Fish Seed Farms assisted by 1-Asst. Fishery Officer in each Farm. Existing 8-Demonstration Farms will be put under the charge of 8- Assistant Fishery Officers.

Besides the above, the Riverine wing will be placed under the charge of a Deputy Director of Fisheries (Riverine) assisted by 1-Fishery Extension Officer and 2-Asst. Fishery Officers at the headquarter. The Information and Extension Wing will be headed by a Fishery Information Officer who will be assisted by 1 - Fishery Extension Officer and Assistant Fishery Officer each at the headquarter.

A Director of Fisheries assisted by 1-Joint Director of Fisheries, 1-Deputy Director of Fisheries, 1-Asst. Director of Fisheries and 2-Technical Assistant (Fishery Extension Officer) will head the Department.

In view of the above, the scheme proposes entertainment of the new posts under various schemes viz :- Direction & Administration, Fish Seed Production cum-Farming, Demonstration Farm, Development of Riverine Fisheries, Information and Extension and Fish Farmers Development Agency for which Pay and Allowances, Office Expenses etc. are proposed to be maintained under the head, Direction and Administration as per details shown below :-

STATEMENT SHOWING EXISTING STRENGTH OF POSTS AND TARGET
FOR EIGHTH FIVE YEAR PLAN (1990-95)

A. DIRECTION :-

I t e m	Unit	Physical			Financial Target	
		Exis- ting.	1990 -'95	1990 -'91	1990 -'95	1990 -'91
1	2	3	4	5	6	7
(1) Strengthening of Organi- sation (Headquarters)				(Rs. in lakhs)		
a) <u>Salary</u>						
Director of Fisheries (Rs.4500-5700/-)	No.	x	1	x		
Assistant Engineer. (Rs.2000-4000/-)	No	x	1	x		
U.D.C/Typist (Rs.1200-2040/-)	No	2	2	x	2.30	x
Tracer (Rs.1200-2040/-)	No	x	1	x		
Driver (Rs. 950-1500/-)	No	3	1	x		
Gr.IV(Peon/ Chowkidar) (Rs. 750-1025/-)	No	2	1	x		
b) Office Expenses	No	-	L/s	L/s	1.50	0.70
c) Travelling Expenses	No	-	L/s	L/s	0.50	0.05
d) Purchase of Vehicle	No	3	1	x	1.40	x
TOTAL OF A (i)					5.70	0.75
ii) <u>Information & Extension :-</u>						
a) <u>Salary</u>						
F.T.O. (Rs.2200-4000/-)	No	x	1	x		
F.E.O. (Rs.2000-3500/-)	No	x	1	x		
A.F.O. (Rs.1400-2600/-)	No	x	1	x		
Assistant (Rs.1640-2900/-)	No	x	1	x	2.70	x
U.D.C. (Rs.1400-2300/-)	No	x	1	x		
LDC/Typists (Rs.1200-2040/-)	No	x	1	x		
Gr.IV(Peon) (Rs. 750-1025/-)	No	x	1	x		
Driver (Rs. 950-1500/-)	No	x	1	x		
b) Office Expenses	No	-	L/s	x	0.80	x
c) Travelling Expenses	No	-	L/s	x	0.20	x
d) Purchase of Vehicle	No	x	1	x	1.40	x
TOTAL OF A (ii)					5.10	x
iii) <u>Development of Riverine :</u>						
a) <u>Salary</u>						
Assistant Director of Fisheries(Riverine) (Rs. 2200-4000/-)	No	x	1	x		
F.E.O. (Rs.2000-3500/-)	No	x	1	x		
A.F.O. (Rs.1400-2600/-)	No	x	2	x	3.90	x
U.D.C. (Rs.1400-2300/-)	No	x	1	x		
LDC/Typists (Rs.1200-2040/-)	No	x	1	x		
Gr.IV.(Peon) (Rs. 750-1025/-)	No	x	1	x		
Watchmen (Rs. 750-1025/-)	No	x	10	x		
Driver (Rs. 950-1500/-)	No	x	1	x		
b) Office Expenses	No	x	L/s	x	0.70	x
c) Travelling Expenses	No	x	L/s	x	0.20	x
d) Purchase of Vehicle	No	x	1	x	1.40	x
TOTAL OF A (iii)					6.20	x
TOTAL OF A :-					17.00	0.75

B ADMINISTRATION

						(Rs. in Lakhs)	
1							
(i) District Administration (including staff for 9 Sub-Divisions and 50 circles) :-							
a) Salary :-							
* DFDO	(Rs.2200-4000/-)	No	x	1	x		
** SDFDO	(Pay to be fixed)	No	x	9	x		
F.E.O.	(Rs.2000-3500/-)	No	10	10	3		
A.F.O.	(Rs.1400-2600/-)	No	10	13	x	25.80	0.50
F.D.	(Rs.1200-2040/-)	No	24	34	x		
J.E.	(Rs.1640-2900/-)	No	x	2	x		
Assistant	(Rs.1640-2900/-)	No	x	3	x		
U.D.C.	(Rs.1400-2300/-)	No	4	9	x		
LDC/Typists	(Rs.1200-2300/-)	No	9	9	x		
Gr.IV (Peon/Chowkidar)	(Rs. 750-1025/-)	No	13	18	x		
Driver	(Rs. 950-1500/-)	No	4	5	x		
b) Office Expenses		No	-	L/s	L/s	5.00	0.10
c) Travelling Expenses		No	-	L/s	L/s	1.50	0.05
d) Purchase of Vehicle		No	4	5	x	5.40	x
TOTAL OF B(i) :-						37.70	0.65
ii) Fish Seed Production-cum-farming :-							
a) Salary :-							
A.F.O.	(Rs.1400-2600/-)	No	1	5	x		
Gr.IV (Chowkidar)	(Rs. 750-1025/-)	No	1	7	x	2.85	x
Fishermen	(Rs. 750-1025/-)	No	3	5	x		
b) Travelling Expenses		No	-	L/s	x	0.20	x
TOTAL OF B (ii) :-						3.05	x
iii) Demonstration Farm :-							
a) Salary :-							
Gr.IV (Chowkidar)	(Rs. 750-1025/-)	No	5	2	x		
Fishermen	(Rs. 750-1025/-)	No	3	5	x	0.90	x
b) Travelling Expenses		No	-	L/s	x	0.20	x
TOTAL OF B (iii) :-						1.10	x
iv) Fish Farmers Dev. Agency :-							
a) Salary:- Chief Executive							
Officer	(Rs.2200-4000/-)	No	x	1	x		
F.E.O.	(Rs.2000-3500/-)	No	x	2	x		
A.F.O.	(Rs.1400-2600/-)	No	x	2	x	3.55	
F.D.	(Rs.1200-2040/-)	No	x	3	x		
U.D.C.	(Rs.1400-2300/-)	No	x	1	x		
LDC/Typist	(Rs.1200-2040/-)	No	x	2	x		
Gr.IV (Peon)	(Rs. 750-1025/-)	No	x	1	x		
Driver	(Rs. 950-1500/-)	No	x	1	x		
b) Office Expenses		No	-	L/s	x	1.00	
c) Travelling Expenses		No	-	L/s	x	0.20	
d) Purchase of Vehicle		No	x	1	x	1.40	x
TOTAL OF B (iv) :-						6.15	x
TOTAL OF B :-						48.00	0.65
TOTAL OF Direction & Administration :-						65.00	1.40

* Pay proposed to be revised in analogous to Dist. Agri. Dev. Officer under Agriculture Department.

** Pay proposed to be fixed at the scale 2200-4000/-.

2. INLAND FISHERIES

1) Fish Seed Production-cum Farming

The main objective of fishery development in the state is to augment the level of fish production which is basically dependant on stocking of quality fish seeds.

It has been assessed that demand of fish seeds by the end of 8th Five Year Plan is in the tune of 13 millions of fingerlings for the anticipated total increased water area of 2650 hectares in the culture sector through development programmes. Thus another 11 ha. of nursery area will have to be created to make up the short-fall of 11 millions of fish seeds. As the total requirement of fish seeds could not be met from the public sector alone it calls for active participation of fish farmers in seed production venture.

The scheme therefore proposes to take up the following steps for additional production of fish seeds during the 8th Five Year Plan period:

1. Encouraging fish farmers to take up fish production in the private sector through technical guidance under the scheme.
2. Extension production of quality fish seeds through induced breeding programme by setting up fish seed farms at potential areas in the state.

In order to enhance per hectare production of fish quality fish seeds are required to be produced extensive through induced breeding programmes at various department fish seed farms. The scheme therefore, proposes to set up another 4 nos. of fish seeds farms with 4 ha. nursery area and facilities of 2 hatchery units at potential area in the state viz : Darlak, Mat valley (Serchhip), Zawlnuam, Champhai and Teirei in Aizawl district and Phura in Chhimituipui district.

At present the department is having only one medium-truck (2 Tns) for transport of fish seeds. Therefore, the scheme proposes to purchase 2 nos. of medium truck for transport of fish seeds in Lunglei and Chhimituipui Districts.

This is a continuing scheme with a proposed outlay of Rs. 105.00 lakhs for the 8th Five Year Plan as per details shown below

I t e m	Unit	Physical target		Financial target	
		1990-95	1990-91	1990-95	1990-91
(Rs. in lakhs)					
1. Establishment of Fish Seed Farms at potential areas viz-Darлак, Zawlnuam, Mat valley(Serchhip), Chemphai, Teirei and Phura.		4	1		
a) Cost of land and site development	Nos	L.S.	L.S.	10.00	1.00
b) Construction of ponds/tanks					
i) Nurseries	"	160	}	L.S.	54.00
ii) Rearing tank	"	30			
iii) Brooders tank	"	20			
c) Construction of building including fencing of farm boundary.					
Type III	"	4	}	9.00	x
Type II	"	4			
Type I	"	4			
d) Maintenance of farm :					
i) <u>Farm implements</u>					
Fishing and breeding equipment	"	L.S.	x	2.00	x
ii) <u>Machinery & Equipments</u>					
Hatchery unit, Power pump and pipes, laboratory equipments and chemicals	"	L.S.	x	4.00	x
iii) Cost of food and fertilizer	"	L.S.	x	3.00	x
iv) Wages	"	L.S.	x	4.00	x
2. Purchase of vehicle (medium truck) for transport of fish seeds.	"	2	x	4.00	x
3. Cost of fish seeds including transport	"	L.S.	L.S.	15.00	3.00
TOTAL :-				105.00	11.45

11) Demonstration Farm

The modern technology of fish culture for augmenting per hectare production is not well recognised by many private pisciculturists. Therefore, demonstration plays a significant role in disseminating technical know-how among the fish farmers for enhancing fish production.

In view of the above, it is proposed to develop the existing 8 nos. of Demonstration Fish farms for proper organisation of demonstration programmes on various modern piscicultural technology during the 8th Five Year Plan.

Besides with the scope of producing fish seeds in the departmental farms at Tamdil (Aizawl district) and Dhubinala (Lunglei district) it is proposed to intensify production of fish seeds by constructing another 50 nos. nurseries at these farms.

During the 8th Five Year Plan priv to pisciculturists will be encouraged to start fish seed farms/fish farms in a bigger way for achieving self sufficiency in fish seed and enhancing per hectare production of fish through training facilities exhaustively. For this purpose it is proposed to develop the existing Demonstration fish farm at Lengpui into a Fish Farmers Training Centre.

This is a continuing scheme with a proposed outlay of Rs. 35.00 lakhs for 8th Five Year Plan period as per details shown below :

Item	Unit	Physical target		Financial Target	
		1990	1990	1990-	1990-
		95	91	95	91
1. <u>Development of existing Demonstration Fish Farms</u>	nos.	8	8		
a) Organisation of demonstration programmes for transfer of technology.	"	50	5	5.00	0.30
b) Nets and happas, brooders transportation equipments and machineries.	"	1.s.	1.s.	2.50	0.30
c) Purchase of boats	"	4	1	0.50	0.10
2. <u>Development of Deptl. farm at Dhubinala in Lunglei dist. into Demonstration Fish Farm.</u>					
i) Construction of dam	"	1	1	2.00	2.00
ii) Construction of chowkidar quarter.	"	1	1	0.50	0.50
iii) Purchase of boats	"	2	2	0.20	0.20
3. <u>Augmentation of fish seed production</u>					
a) Construction of nurseries at Tamdil (Aizawl dist.) Dhubinala (Lunglei dist.) etc.	"	40	4	8.00	1.60
b) Cost of food and fertilizer	"	1.s.	-	0.50	-
c) Nets and happas, power pump...	"	1.s.	-	2.50	-
d) Wages	"	1.s.	-	1.00	-
4. <u>Development of Demonstration Farm Lengpui into Fish Farmers Training centre</u> (construction of buildings, laboratory set up, furniture etc.)	"	1	-	12.30	-
Total				35.00	5.00

(iii) Paddy-Cum-Fish Culture:

The scheme proposed to encourage paddy-cum-fish culture in the potential paddy fields. Fish culture in paddy-field is based on low input technology where no fertilizer and no artificial food is required. The only material input is fish seeds viz: Cyprinus Carpio which thrives in very shallow waters.

A paddy field to be suitable for fish culture should have either raised strong dykes or peripheral ditches/channels constructed for a continuous fish culture during the dry season after the paddy is harvested till the fishes grow to marketable size.

By the end of 7th Five Year Plan it is expected to have about 300 ha. of paddy land brought under paddy-cum-fish culture practice. The total area of prospective sites for paddy-cum-fish culture in the State is 1560 ha.

In view of the above, the scheme proposes to bring another 200 ha. of paddy lands under the practice during 8th Five Year Plan period by giving subsidy @ Rs. 2,000/- per 0.4 ha. for construction of peripheral channel/ditches/raising of dykes etc. and supply of fish seeds to the paddy-cum-pisciculturists.

This is a continuing scheme with a proposed outlay of Rs. 9.00 lakhs for the 8th Five Year Plan period as per details shown below :-

I t e m	Unit	Physical Target		Financial Target	
		1990-95	1990-91	1990-95	1990-91
1. Water area to be brought under paddy-cum-fish culture	ha.	300	40	(Rs. in lakh)	
a) Cost of construction of perimeter channel.	nos.	500	24	4.00	0.30
		units	units		
b) Cost of fish seed including transport.	"	L/S	L/S	5.00	0.80
TOTAL :				9.00	1.10

(iv) Assistance to Pisciculturists :

It is proposed to bring 650 ha. of additional water area during the 8th Five Year Plan period by arranging financial assistance for the pisciculturists in the form of subsidy @ Rs. 10,000/- per hectare of water area and bank loan @ Rs. 10,000/- per ha. of water area for construction/improvement of pond-nurseries and first year input through the Fish Farmer Development Agency programmes as per the Govt. of India's approved pattern of assistance.

The scheme also envisages establishment of 2 units of ice plant (1 ton capacity) with cold storage facilities in central places of fish producing areas to provide post harvest facilities to the fish farmers for preservation/storage of fishes. To increase transport facilities it is also proposed to purchase 2 nos. of insulated vans for transportation of fishes to the market during the 8th Five Year Plan period.

This is a continuing scheme with a proposed outlay of Rs. 50.00 lakhs for the 8th Five Year Plan as per details shown below :

Item	Unit	Physical Target		Financial target	
		1990	1990	1990	1990
		-'95	-'91	-'95	-'91
(Rs. in lakhs)					

1. Additional water area to be brought under culture.	ha.	650	100		
2. <u>Incentive to the private pisciculturists for augmenting fish and fish seed production:</u> Subsidy and Bank loan for construction/improvement of fish pond/nurseries and 1st year input as 50% contribution of state Govt. as per the Govt. of India's approved pattern of Assistance.	no.	2000	300	40.00	3.40
3. Establishment of Ice plant (1 ton capacity) with cold storage facilities.	"	2	-	6.00	-
4. Purchase of insulated vans for transportation of fishes to the market	"	2	1	4.00	-
Total:				50.00	3.40

v) Development of Riverine Fisheries

The riverine fisheries in the state is one of the main fishery resources having a total area of about 8,740 ha. The level of production from this resource is rather low due to deterioration done considerably over the years by way of killing fishes by explosives, chemicals, poisons, etc. and catching of fishes irrespective of its size. In order to revive the fisheries in the river, the conservation and improvement of existing resources of capture sector in the state it is of paramount importance to set up a separate riverine wing under the department.

At present the capture fisheries in the state are controlled by the Forest Department. Full exploitation of its resources through judicious conservative and stocking measures would better be accomplished by transferring the management of the riverine waters to the Fishery Department.

In view of the above, the following steps are to be taken up for development of riverine fisheries during the 8th Five Year Plan period :

1. Taking over management of riverine fisheries from the Forest Department.
2. Restoration of riverine resources by recruitment and enforcing legislature and laws and its conservation.

In order to improve the riverine fish resources it is proposed to take up a proper survey of the rivers during 8th Five Year Plan for locating breeding ground, places of fish congregation, identification of species, study of their cultural possibilities and spawn collection prospects. Exploitation of riverine fisheries would be made by leasing the water area to the fishermen through auction. For this purpose of few mahals would be selected and thrown open to the fishermen for catching of fish under strict supervision by posting of watchmen at the vicinity of river areas. It is also proposed to train up the fishermen who earn their living mainly by catching and selling of fish from the rivers in the technique of fishing and educate them about the need for judicious exploitation and conservation of fishery for sustained yield. For transport of fish catch from the riverine sector to the market and insulated van is also proposed to purchase under the scheme.

This is a scheme with a proposed outlay of Rs.20.00 lakhs for 8th Five Year Plan period as per details shown below :

Item	Unit	Physical target		Financial target	
		1990-95	1990-91	1990-95	1990-91
1. Survey of riverine fisheries in phased manner.					
a) Location of potential areas, breeding ground, places of congregation, identification of species etc.					
1) Cost of mechanised boats	nos.	4	1	2.80	0.70
ii) Wooden boats	"	4	1	0.40	0.10
iii) Nets and tackles, survey implements etc.	"	L.S	LS	3.80	0.20
2. Conservation and exploitation					
1) Cost of fish seeds for improving riverine fish stock	"	L.S	x	5.00	x
ii) Watchman's sheet and implements	"	15	x	8.00	x
Total :				20.00	1.00

A. EDUCATION AND TRAINING I

The modern fish farming technology requires well trained staff for extension service to the farmers. The paucity of technically qualified staff has become a problem for proper accomplishment of the developmental activities. In view of the above the scheme proposes imparting technical training in various fisheries courses to the fresh as well as in-service personals indifference fishery institute in India non payment of stipend and other training costs .

During the 8th Five Year Plan period the scheme proposes to send up 2 persons for diploma course at C.I.F.E Bombay, 10 persons to I.F.T.C. Barrackpore, 8 persons to C.F.E.T.C. Kakinada, 15 persons to R.T.C. Lucknow (Inland Fisheries Operative Course) and 40 fresh candidates to Fishery Demonstrator Course at Joysagar and Ulubari, Assam.

This is a continuing scheme with a proposed outlay of Rs. 2.00 lakhs for the 8th Five Year Plan period as per details shown below :-

Items	Unit	Physical target		Financial target	
		1990-95	1990-91	1990-95	1990-91
(Rs. in lakh)					
1. Persons to be sent up for various courses :-					
a) Inservice persons for 2 yrs. Diploma course at CIFE Bombay	Nos.	2	-	0.10	-
b) Fresh persons for 1 yr. IFDA course at IFTC Barrackpore.	"	10	2	0.60	0.15
c) Fresh/inservice persons for 10 months extension course at CFETC Kakinada.	"	8	2	0.40	0.10
d) Inservice persons for 9 months IFO course at RTC Lucknow under NCC	"	15	2	0.30	0.04
e) Fresh persons for 9 months F.D. course at Joysagar and Ulubari, Assam.	"	40	8	0.40	0.10
f) Inservice persons for short term training courses.	"	1.s.	1.s.	0.20	0.04
Total				2.00	0.40

4. INFORMATION AND EXTENSION

The present position of fisheries in the state shows a low technological potentialities at the farmers level. Extension is the basic means for transfer of technology to the farmers in order to raise the average fish production level to 2000 kg/ha/yr as against the present average level of 800-1000 kg/ha/yr by traditional method.

It is therefore, imperative to strengthen and mobilise extension services by setting up a separate information and extension Wing to educate the pisciculturists for

augmenting the production to resorting to the same. At present there is practically no information and extension machinery in the department for successful implementation of the programme.

Therefore, during the 8th Five Year Plan the scheme proposes to purchase audio-visual equipments, vehicle and envisages publication of booklets/pamphlets, organisation of farmers training and tour, cinema shows and radio-broadcast for propagating various modern piscicultural techniques to the farmers. Besides it also proposes to streamline the management of statistical activities viz - Compilation and publication of various datas etc. through Information and Extension wing.

This is a continuing scheme with a proposed outlay of Rs. 14.00 lakhs for the 8th Five Year Plan period as per details shown below :

Item	Unit	Physical target		Financial target	
		1990-95	1990-91	1990-95	1990-91
(Rs. in lakhs)					
1. Purchase of machineries & Equipments for Information and extension service.					
a) Projector with accessories	nos.	3	x	0.75	x
b) Generator	"	3	x	0.75	x
c) Film	"	L.S	x	0.80	x
d) P.A. set (public address system)	"	3 Units	x	0.60	x
2. Maintenance of machineries	"	L.S	x	0.20	x
3. Purchase of vehicle for extension and information activities	"	1	x	1.40	x
4. Publications:					
a) Booklets/pamphlets/statistics.	"	40	5	3.80	0.25
b) Radio broadcast	"	100	10		
c) Cinema show	"	100	10		
d) Advertisement	"	L.S	L.S		
5. Farmers training and Farmers tour inside/outside state.	"	600	80	2.00	0.20
6. Participation to fair/exhibition/tableau.	"	20	L.S	0.80	0.10
7. Fish crop competition of farmers.	"	L.S	L.S	0.60	x
8. Refreshers' training of extension workers	"	50	10	0.30	x
9. Setting up of Extension Library with reference books/materials	"	1 Unit	x	2.00	x
TOTAL :				14.00	0.55

5. CONSTRUCTION OF BUILDING .-

During 8th Five Year Plan it is proposed to streamline the organisation at various level. To discharge and smooth disposal of duties facilities should be provided to Officer, staff at District Sub-Division and circle level.

The present the quarter available with the department at various places are meagre. Besides the office of the Jt. Director of Fisheries and District Officer at Aizawl are housed in private building for which a substantial amount on rent are being incure every year. Due to paucity of residential accomodation and office accomodation, field staff posted in remote areas of the state are encountering innumerable problems in discharging their duties.

In view of the above, it is proposed to construct 60 nos of building during the 8th Five Year Plan for Office and residential accomodation.

This is a continuing scheme with a proposed outlay of Rs.50.00 lakhs for the 8th Five Year Plan period as per details below :-

Item	Unit	(Rs. in lakhs)			
		Physical target		Financial target	
		1990-95	1990-91	1990-95	1990-91.
1. Office building for Directorate of Fisheries and cost of lands for construction of staff Qtrs.and site development.	No.	1	L.S.	5.00	4.8J
2. Office building for Dist. Office at Aizawl	NO	1	-	3.00	-
3. Office building for Dist. Office at Kolasib.	No.	1	-	2.00	-
4. Construction of Sub-Divisional office buildings-cum-residential quarter	Nos.	9	-	11.50	-
5. Residential buildings :-					
Type V	"	1	1	1.60	1.60
Type IV	"	4	2	3.50	2.00
Type III	"	13	6	10.00	5.00
Type II	"	25	1	10.40	0.70
Type I	"	5	1	3.00	0.60
TOTAL :-		60	11	50.00	14.70

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DRAFT VIII FIVE YEAR PLAN PROPOSALS IN RESPECT OF
DEPARTMENT OF ENVIRONMENT & FOREST, MIZORAM

I N T R O D U C T I O N

Out of a total geographical area of 21,087 Sq.Km., approximately 15,935 Sq.Km. of area in Mizoram is recorded as under Forests. As no systematic survey and demarcation is done so far, it is difficult to know the actual area under forest cover at present. The legal status of forests of Mizoram is as follows :

<u>I. STATE OWNED</u>	<u>Area in Sq. Km.</u>
(i) Protected forests	1,300.00
(ii) Reserved Forests	5,145.00
(iii) Wildlife sanctuaries	681.00
	<u>TOTAL : 7,127.00</u>
<u>II. VILLAGE COUNCIL CONTROLLED FORESTS</u>	
(i) Village safety and supply Reserve	1,782.00
(ii) Unclassed State Forests	5,240.00
	<u>TOTAL : 7,022.00</u>
<u>III. DISTRICT COUNCIL OWNED</u> (Chhimituipui District)	
(i) Protected Forests	347.00
(ii) Reserved Forests	363.00
(iii) Wildlife Sanctuaries	210.00
(iv) Village safety & supply Reserves	866.00
	<u>TOTAL : 1,786.00</u>
<u>GRAND TOTAL :</u>	<u>15,939.00</u>

Thus, it appears that approximately 75% of total geographical area of Mizoram is under Forest cover and 30% of total geographical area is under the control and management of Forest Department. Various forest types (as per Champion and Seth classification) in Mizoram are as follows :

- (a) Tropical Wet Evergreen Forests
- (b) Tropical Wet Semi Evergreen Forests
- (c) Montane Sub-Tropical Forests
- (d) Sub-tropical Pine Forests.

The terrain in Mizoram is mostly hilly and average altitude is around 300 Mt, mostly the ridges run on the Northern - Southern direction and are interrupted by deep nullahs. The river in the Northern Mizoram run towards North and in South Mizoram towards South. The rock includes sand, stones, clayey stones. Hills are very sharp, gradient is very steep and most of the areas are not connected by roads. Construction of roads is rather difficult and attempts are being made to improve them. As a result, exploitation of forest produce in Mizoram is rather difficult since almost all road networks pass along the ridges. On account of these obstacles, management of forest is difficult and had been for long left to nature.

Bulk of forest produce comes from timber of various species; important species being Michaelia champaca, Terminellia, sp., Artocarpus chaplasha, Gmelina arborea, Schima wallichii, Cedrella toona, Dipterocarpus species, Tetrameles nudiflora, Amoora wallichii, Pinus khasia, Morus laevigata, Mesua ferrea, Lagerstrecmia flogfoginae, Chukrassia tabularis, Podocarpus nerrifolia etc. Important Minor Forest Produce include a variety of Bamboo and Cane species, ngar, broomsticks, sand & gravel, thatch etc. Bamboo occur abundantly and important species are Melocanna bambusoides, Bambusa tulda, Dendrocalamus hamiltonii, D. longispathus, Oxytenthora perviflora, Teinosta gym dulloa etc. Bamboo is extensively used by local people for construction of houses and various small works. There is a good scope of establishing paper pulp Industry, Rayon Industry and various cottage Industries using Bamboo as raw Materials.

Mizoram is endowed with a rich fauna, the common and most important animals being tiger, leopard, jungle cat, elephant bear, wild buffalo, sambhar, deer, hoolock, langoor, monkey, slow loris, Indian hornbill, tragopan pheasant etc. At present there are two Wildlife sanctuaries Dampa Wildlife sanctuary and Murlen Wildlife sanctuary. Two more areas viz. Ngengpui and Phawngpui are also under consideration for declaration as Wildlife sanctuaries.

THE PROBLEM

(i) Though it appears from the recorded figures that approximately 75% of the total geographical area of the State is under forest cover in some form or the other, but it is not so actually. The age-old practice of jhumming (shifting cultivation) a most primitive, uneconomical and savage way of agriculture which is widely practised by the local population for long, has drastically reduced the forest area resulting in the clearance of tree cover and degradation of land and environment in general by its consequential effects of soil erosion, soil loss, loss of soil fertility, heavy run-off and floods. In fact, the states forests face the biggest threat from jhumming. According to one estimate, about 4.80 lakh ha area in the state are under Jhumming and about 50,000 families practice this traditional form of agriculture. It is estimated that approximately 40,000 ha of area is affected by jhumming every year causing not only colossal loss of natural resources but also degradation of the Environment.

(ii) Destruction of forests by fire, especially forests adjacent to jhum lands is yet another problem causing environmental degradation. The uncontrolled fire from jhum lands spreads to adjacent forest areas causing destruction of these forest. It is estimated that almost an equal area of forest to that of jhum lands is affected by such fires every year.

(iii) The existing reserved and other forests were mostly declared and notified during the time of the then Mizo District Council, when Mizoram was a District under Assam State. Therefore, there had been lots of encroachments subsequently specially during the insurgency. Due to absence of cadastral survey maps and proper demarcation of reserve forests and Revenue land, not much could be done in past to protect forests areas from encroachment.

(iv) In most of the places, reserved forests are in the vicinity of villages and the local people had to depend on these forests for their demand of timber, firewood, Minor forest Produce these forests were further reduced in areas.

(v) Scientific management of forests started practically in the State after it was declared a Union Territory in 1972 while almost all other states it was started hundreds of years

ago. Moreover, pace of development of forestry even after 1972 was very slow due a long period of insurgency. Therefore, scientific forestry is still in an infant stage in the forestry and a lot is required to be done to bring it near to the level of development of forestry in other states of India.

(vi) Infrastructure is another big problem in proper exploitation of forest resources as all good forests are in very much inaccessible remote areas. Lack of proper means of communication and high cost of labour makes forestry operations very difficult in the State.

(vii) Once abundant in Mizoram, Wildlife has dwindled considerably, due to large scale poaching fire and destruction/degradation of habitate due to age old practice of jhumming. It is very difficult now to sight these animals in forests.

T H E A P P R O A C H

As a renewable natural resource, forests have a vital role to play in the socio-economic development of Mizoram through the utilisation of goods and services they provide and conservation and improvement of the quality of environment. However, this dual role of forestry is not possible under the present circumstances on account of Jhumming, industrialisation and urbanisation, resulting in large scale destruction of our forests and associated ecological degradation.

Due to a wide range of demands that are places on our forest ecosystems which are under intensive and extensive public use, their management problems have become more complex and more difficult. This has assumed greater importance in view of a conflicting situation arising out of increasing demands on our forests, which have, in fact, become a diminishing resources base; the greatly increased level of commitment and the role that forestry has to play in our priority areas of concern, meeting the demand of local population and industries, energy needs, rural tribal development and long term ecological security.

It, therefore, follows that if forestry sector has to make an impact and sustain forestry development, in future, in the State, there have to be greater inputs with regards to personnel and infrastructural facilities, increasing the area under forests, rehabilitation of degraded forests, wasteland development, energy needs, social forestry programmes including decentralised planning and People's participation, Wildlife preservation and conservation, consolidation of forests, forest Extension, forestry research, education & Training and long term ecological security to meet the new challenges in the Forestry sector.

~~PROPOSED~~ FINANCIAL OUTLAY FOR DEFERMENT SCHEMES DURING VIII FIVE YEAR PLAN (1990-95)

L.No.	Name of the Scheme	Financial Outlay					(Rs. in lakhs)	
		1990-95 (VIII Plan)	1990-91 (Approved)	1991-92	1992-93	1993-94	1994-95	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1.	Direction & Administration	455.00	60.00	72.00	88.00	105.00	130.00	
2.	Survey & Utilisation of Forest Resources.	51.00	6.00	8.00	10.00	12.00	15.00	
3.	Statistics	183.00	22.00	30.00	36.00	45.00	50.00	
4.	Communication & Buildings	563.00	78.00	100.00	110.00	125.00	150.00	
5.	Assistance to Public Sector undertakings.	19.00	2.00	2.00	4.00	5.00	6.00	
6.	Forest Conservation & Development.	367.00	52.00	60.00	70.00	85.00	100.00	
7.	Social & Farm Forestry	705.00	100.00	115.00	130.00	160.00	200.00	
8.	Forest Produce	51.00	6.50	8.00	10.00	12.00	14.50	
9.	Extension & Training	152.00	19.50	25.00	30.00	36.00	41.50	
0.	Wildlife Preservation	255.00	30.00	40.00	50.00	60.00	75.00	
1.	National Wasteland Development Programme	1640.00	220.00	250.00	320.00	400.00	450.00	
2.	Public Gardens	26.00	-	5.00	6.00	7.00	8.00	
3.	Other Expenditures	33.00	4.00	5.00	6.00	8.00	10.00	
TOTAL : :		4500.00	600.00	720.00	870.00	1060.00	1250.00	

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SCHEMewise DESCRIPTION

1. DIRECTION AND ADMINISTRATION

To bring the management of our forests on modern scientific pattern and a better control on management, it is necessary to have an efficient administrative organisation with sufficient officers at management level and adequate staff at execution level. At the end of 7th Five Year Plan, the administrative set up of Department of Environment & Forests in Mizoram was as follows :

Principal Chief Conservator of Forests Head of the Department		
<u>Circle/(Headed by Conservator of Forests</u>		
<u>Territorial Circles (2 Nos)</u>		
Northern Circle	Southern Circle	Research & Development Circle (1 No)
Divisions (7 Nos) (Headed by Deputy Conservator of Forests)	Divisions (4 Nos) (Headed by Deputy Conservator of Forests)	Divisions (5 Nos) (Headed by Deputy Conservator of Forests)
1. Aizawl	1. Lunglei	1. Working Plan
2. Kolasib	2. Tlabung	2. Extension
3. Mamit	3. N. Vanlaihphai	3. Protection
4. Kawrthah	4. Lawngtlai	4. Forest Education & Training Institute
5. Darlawn		5. Resources Survey
6. Champhai		
7. Wildlife		

The present administrative set up is not sufficient for an efficient management of forests and keeping in view of multiferous forestry activities to be taken up in the state, it is essential to strengthen the administrative organisation of the Department by creating additional posts at officers level.

At present, it is felt that Aizawl Forest Division and Lawngtlai Forest Division are very big Divisions and these Divisions are required to be splitted. It is very difficult for a Divisional Forest Officer to manage such a large territory efficiently. Particularly, the whole Chhimituipui Districts forests in managed by D.F.O Lawngtlai. Therefore, two additional territorial Divisions are proposed to be created during VIII Five Year Plan period. There are Thenzawl Forest Division in Aizawl District and Saiha Forest Division in Chhimituipui District.

In addition, one more wildlife Division and Working Plan Division are also proposed because one Division each for these cretivities in whole of state is very much inadequate. Single Wildlife Division with Headquarter at Aizawl can not look after properly the wildlife areas of Southern Mizoram. Therefore one more wildlife Division with Headquarter at Lawngtlai or Lunglei is proposed. Samewav

~~prepare working plans for all the~~ Division of Mizoram. So far no working plan is prepared for any Forest Division of Southern Mizoram Districts. Therefore one additional working plan Division with Headquarter at Lunglei is proposed to cover the Forest Divisions in Southern Circle.

One Social Forestry and one utilisation Division are also proposed. Keeping in view the Planning Commission thrust on decentralised planning, people's participation and integrated approach, it is felt necessary that one Social Forestry Division to manage all social forestry programmes including Decentralised People's Nursery, Roadside Plantation, Fuelwood fodder Plantation, Catchment afforestation, recreational forestry etc will be required. Though single Social Forestry Division may not be sufficient to cover all these activities in the whole state, but to start with, one Social Forestry Division may be sufficient. Similarly, for scientific exploitation of forest resources of Mizoram, one Forest Utilisation Division is proposed to be created during VIII Five Year Plan period.

With the creation of six more Forest Divisions, total number of Forest Divisions in the State is expected to become 22. One Conservator of Forests can supervise 3 to 4 Forests Division efficiently. Therefore it is proposed to create 2 more posts of Conservator of Forests. The existing Northern Circle will be divided into two territorial circle with Headquarters at Aizawl and Kolasib. One Conservator of Forests will control serial forestry and wildlife Division. At present, there is no post of Chief Conservator of Forests in the state and therefore the Conservator of Forests come directly under the Principal Chief Conservator of Forests. The post of Chief Conservator of Forest which was existing during 7th Plan period was elevated to the post of Principal Chief Conservator of Forests. Therefore a post of Chief Conservator of Forests is proposed to be created during 8th Five Year Plan period. The Chief Conservator of Forests will look after Social Forestry Programme and will be in charge of Wildlife (Chief Wildlife Warden)

In addition to these posts, one post of Assistant Engineer is required to be created in view of massive building and road construction Programmes which Forest Department takes up every year as part of infrastructure Development.

Overall following posts of Officers and supporting Staffs are proposed to be created.

1.	Chief Conservator of Forests	1
2.	Conservator of Forests	2
3.	Deputy Conservator of Forests	6
4.	Assistant Engineer	1
5.	Assistant Conservator of Forests	9
6.	Forest Rangers	15
7.	Deputy Rangers	12
8.	Foresters	24
9.	Forest Guards	48
10.	Surveyor	6
11.	Draftsmen	6
12.	Chainmen	12
13.	Steno Grade I	3
14.	Steno Grade II	6
15.	Superintendent	3
16.	Assistants	9
17.	U.D.C.	9
18.	L.D.C	27
19.	Accountant	9
20.	Drivers	12
21.	Peon	18
22.	Chowkidar	9
23.	Sweeper	9
24.	Dakrunner	9
		265

It is also proposed to purchase 3 Cars, 7 Jeeps and 3 Trucks during 8th Five Year Plan period.

Yearwise Financial Outlays under the Scheme will be as follows :

Year	Rs. in lakhs
1990-91	60.00
1991-92	72.00
1992-93	88.00
1993-94	105.00
1994-95	130.00
Total :	455.00

Yearwise breakup of anticipated expenditure will be as follows :

	1990-91	1991-92	1992-93	1993-94	1994-95
a) Recurring Expenditure (Salary/TF/OB/Rent etc)	50.00	60.00	73.00	87.00	105.00
b) Non-recurring expenditure	10.00	12.00	15.00	18.00	25.00
	60.00	72.00	88.00	105.00	130.00

2. SURVEY & UTILISATION OF FOREST RESOURCES

During 1987-88 and 1988-89, Forest Survey of India carried out Survey in Mizoram. Resources Survey Division which was created during 7th Plan period was associated with F.S.I. during the survey. However no proper survey of abundantly available Minor Forest Produce was done and as a result proper utilisation of these resources could not be done to far. Resources Survey Division will take up Survey of Important Minor Forest Produce available in the state during VIII Five Year Plan.

The existing Working Plan Division is not sufficient to make up the backlog of writing Working Plan for the existing territorial Divisions. So far working plan has been written only for Champhai Forest Division. At this pace, it will take a very long time to complete working Plan Survey of all Divisions. Therefore one more Working Plan Division is proposed to be created during 8th Five Year Plan period and this will carry out Working Plan Survey in Forest Divisions under Southern Circle.

While the requirement of establishment has already been considered and Administration, the scheme will take care of works portion only. The works will include demarcation of reserve forests boundaries, compartment and sub-compartment boundaries, marking of sample plots and preservation plots, their maintenance, enumerations in compartments and sub-compartments, writing of working plans etc. It is expected that each Division will complete the works in one territorial Division within two years.

The following are the physical and financial targets of 8th Five Year Plan under the scheme.

<u>Sl.No</u>	<u>Year</u>	<u>Item of works</u>	<u>Physical target</u>	<u>Financial target</u>
1.	1990-91	(i) Working Plan Survey.	1 Division	6.00
2.	1991-92	(i) Survey of MFP (ii) Working Plan Survey.	1000 ha 1 Division	8.00
3.	1992-93	(i) Survey of MFP (ii) Working Plan Survey.	1000 ha 1 Division	10.00

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Overall following posts of Officers and supporting Staffs are proposed to be created.

1.	Chief Conservator of Forests	1
2.	Conservator of Forests	2
3.	Deputy Conservator of Forests	6
4.	Assistant Engineer	1
5.	Assistant Conservator of Forests	9
6.	Forest Rangers	15
7.	Deputy Rangers	12
8.	Foresters	24
9.	Forest Guards	48
10.	Surveyor	6
11.	Draftsmen	6
12.	Chainmen	12
13.	Steno Grade I	3
14.	Steno Grade II	6
15.	Superintendent	3
16.	Assistants	9
17.	U.D.C.	9
18.	L.D.C	27
19.	Accountant	9
20.	Drivers	12
21.	Peon	18
22.	Chowkidar	9
23.	Sweeper	9
24.	Dakrunner	9
		<u>265</u>

It is also proposed to purchase 3 Cars, 7 Jeeps and 3 Trucks during 8th Five Year Plan period.

Yearwise Financial Outlays under the Scheme will be as follows :

<u>Year</u>	<u>Rs. in lakhs</u>
1990-91	60.00
1991-92	72.00
1992-93	88.00
1993-94	105.00
1994-95	130.00
	<u>455.00</u>
Total :	455.00

Yearwise breakup of anticipated expenditure will be as follows :

	1990-91	1991-92	1992-93	1993-94	1994-95
a) Recurring Expenditure (Salary/TE/OE/Rent etc)	50.00	60.00	73.00	87.00	105.00
b) Non-recurring expenditure	10.00	12.00	15.00	18.00	25.00
	60.00	72.00	88.00	105.00	130.00

2. SURVEY & UTILISATION OF FOREST RESOURCES

During 1987-88 and 1988-89, Forest Survey of India carried out Survey in Mizoram. Resources Survey Division which was created during 7th Plan period was associated with F.S.I. during the survey. However no proper survey of abundantly available Minor Forest Produce was done and as a result proper utilisation of these resources could not be done to far. Resources Survey Division will take up Survey of important Minor Forest produce available in the state during VIII Five Year Plan.

The existing Working Plan Division is not sufficient to make up the back log of writing Working Plan for the existing territorial Divisions. So far working plan has been written only for Champhai Forest Division. At this pace, it will take a very long time to complete working Plan Survey of all Divisions. Therefore one more Working Plan Division is proposed to be created during 8th Five Year Plan period and this will carry out Working Plan Survey in Forest Divisions under Southern Circle.

While the requirement of establishment has already been considered and Administration, the scheme will take care of works portion only. The works will include demarcation of reserve forests boundaries, compartment and sub-compartment boundaries, marking of sample plots and preservation plots, their maintenance, enumerations in compartments and sub-compartments, writing of working plans etc. It is expected that each Division will complete the works in one territorial Division within two years.

The following are the physical and financial targets of 8th Five Year Plan under the scheme.

<u>Sl.No</u>	<u>Year</u>	<u>Item of works</u>	<u>Physical target</u>	<u>Financial target</u>
1.	1990-91	(1) Working Plan Survey.	1 Division	6.00
2.	1991-92	(i) Survey of MFP (ii) Working Plan Survey.	1000 ha 1 Division	8.00
3.	1992-93	(i) Survey of MFP (ii) Working Plan Survey.	1000 ha 1 Division	10.00

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4.	1993-94	(i) Survey of MFP	1000 ha		
		(ii) Working Plan Survey	1 Division		12.00
5.	1994-95	(i) Survey of MFP	1000 ha		
		(ii) Working Plan Survey.	1 Division		15.00
<hr/>					
	Total 1990-95	(i) Survey of MFP	4000 ha		
		(ii) Working Plan Survey	5 Division		51.00

3. STATISTICS

Under this Head two schemes are being operated and these include (i) Statistical Information and Evaluation Cell and (ii) Forestry Research.

(i) STATISTICAL INFORMATION AND EVALUATION CELL

This cell is in existence since 6th Five Year Plan and is attached to the Headquarter at Aizawl. This cell collects all types of informations relating to Forest Department, tabulate them and furnish such informations from time to time whenever required. It is also involved in publishing important records and achievements in book form. All types of informations through field survey and enumerations required for forest clearance or encroachment cases under Forest Conservation Act are also processed by this cell. Moreover, with the receipt of Personal Computer from National Wasteland Development Board, a beginning was made during 7th Five Year Plan for compilation of Statistical informations and data processing on modern Scientific lines. However, this facility could not be used to the full extent due to lack of adequate trained staff for using the computer. This will be improved and the informations will be updated during 8th Five Year Plan period.

In addition to the above, a monitoring and Evaluation Cell has been constituted and this will counter check the field activities and monitor the progress of various afforestations schemes particularly those sponsored by the Central Government.

Financial Targets for 8th Five Year Plan for the activities of this cell will be Rs. 30.00 lakhs and this will be namely for publication of data, field survey enumeration for counterchecking and monitoring, purchase of survey equipments, office expenses etc. Yearwise breakup of proposed financial outlay during 8th Five Year Plan will be as follows :

Sl.No.	Financial Outlay (Rs. in lakhs)						Total
		1990-91	1991-92	1992-93	1993-94	1994-95	
1.	Statistical Information & Evaluation Cell	4.00	5.00	6.00	7.00	8.00	30.00

(11) FORESTRY RESEARCH

In spite of the fact that forestry research is one of the oldest forestry subject, the same has not so far been considered seriously in Mizoram. In a state like Mizoram which has a diversified vegetative cover and where a massive afforestation programme is going on, forestry research is considered very important.

During 7th Five Year Plan period, with a view to initial research, the existing Foresters and Forest Guards training School was converted into Forest Education and Research Institute at Aizawl. But even then this remained only as a training centre and no significant work on forestry research could be done. Therefore to augment forestry research in the state, the existing Forest Resources Survey Division is being converted into silviculture and Research Division. A Botanist and Orchidologists are also appointed to ~~assist~~ Forestry Research.

During VIII Five Year Plan, it is proposed that five research Centres in five different eco-climatic zones (one at each zone) will be established to carry out research activities. Following work will be taken up on priority bases during this period.-

- (i) Survey of Minor Forest Produces like Cane, Orchids, Medicinal Plants etc. and their development for better utility.
- (ii) Phenological studies of important local tree species found in Mizoram.
- (iii) Maintenance of sample plots, preservation plots, Orchid sanctuaries etc.
- (iv) Perfection of nursery technique of important species being used for afforestation proposed.
- (v) Creation of experimental plantations to develop planting technique of new species (local as well as exotice) to be introduced in afforestation programme.
- (vi) Preparation of volume table of important species as at present no volume table is available for any species in Mizoram.
- (vii) Seed development programmes including identifying and developing seed production areas, creation of seed orchards, seed testing of important species etc.

Proposal financial outlay for Forestry Research in 8th Five Year Plan is Rs. 153.00 lakhs and approved outlay for 1990-91 is Rs. 18.00 lakhs. The financial outlay is for expenditure on salary of staff, travelling expenses, wages, office expenses and works proposed above. Yearwise breakup of financial outlay is as follows :

Sl.No.	Name of Scheme	Financial outlay (Rs. in lakhs)				
		1990-91	1991-92	1992-93	1993-94	1994-95
11.	Forestry Research	10.00	25.00	30.00	38.00	42.00
Total for		= Rs. 153.00 lakhs.				

4. COMMUNICATION & BUILDINGS

(1) COMMUNICATION -- Proper communication is very important in forestry-operations. In Mizoram, communication is a real big problem due a number of reasons like tough terrain, steep slopes, poor rock structures, preference of Mizo people for habitation on hill tops etc. In addition to this, long period of insurgency also hampered the development of infrastructures. As a result, a large number of plantation centres and dense natural forests are not connected properly by proper roads. This has created problems in proper maintenance and protection of these areas as well as loss in revenue due to less extraction (below optimum level) of important forest produces and high cost of extraction.

This is a continuing Scheme and in this it is proposed to construct approach roads to various field officer in remote areas, approach roads to important plantation centres and extraction roads to extraction centres of important forest produces like sand, stones, timber etc. special attention will be paid on construction of roads for harvesting of thinning materials of plantations. Approximately 50 Km. of length will covered for construction of various types of roads. In addition to this, due to poor rock structures frequent cyclones heavy rains and loose soil, landslide is very frequent and as a result, heavy amount is spent every year on maintenance of existing roads.

Keeping this in view a financial outlay of Rs 133.00 lakhs is proposed for construction of various types of approach roads and maintenance of existing roads. Year-wise break-up of financial outlay is as follows :

Sl.No.	Name of Scheme	Financial outlay (Rs. in lakhs)				
		1990-91	1991-92	1992-93	1993-94	1994-95
1.	Communication	18.00	20.00	25.00	30.00	40.00
Total for 1990-95 =		Rs. 133.00 lakhs.				

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(1A) BUILDING - Forestry operations are carried out in remote areas away from main habitation. Field Staff has to work in such places for successful execution of forestry works and also for protection of forests. They are required to have accommodation to facilitate creation of congenial working conditions.

In the past, Forest Department was constructing buildings in the field for staffs and as such the District Officers including those in the Head Offices in the Capital town were housed in the rented accommodations. Even Office accommodations had to be arranged in rented buildings and a laye seen is paid every year as rent of these buildings. During 7th Five Year Plan, a proposal was initiated for constructions of an Office complex at Aizawl with a total estimate of Rs.75.00 lakhs. However, only during the end of last year of the 7th Plan i.e, in 1989-90, work could be started and only Rs.11.00 was spent. Due to steep rise in the prices of construction materials and also because of inclusion of additional accommodations in the original plan, the estimate was revised recently by the PWD and requirement of fund for construction of the said office complex was estimated to be about Rs.100.00 lakhs. During 1990-91, Rs. 30.00 lakhs is marked for this office complex. Balance will be transferred to PWD in two instalments in 1991-92 and 1992-93. In addition to this, land will be procured around Aizawl town and a forest colony is proposed to be constructed in phases to accommodate Officers and Staff.

In the field, 30 Nos. of buildings and structures will be constructed on an average every year and approximately 150 buildings/structures will be constructed during 8th Five Year Plan period.

It is therefore proposed that during 8th Five Year Plan period, a sum of Rs. 430.00 lakhs will be required for successful implementation of the Scheme. Yearwise break-up of proposed financial outlay is given below :-

Sl.No.	Name of the Scheme	Financial outlay (Rs. in lakhs)				
		1990-91	1991-92	1992-93	1993-94	1994-95
1.	<u>Building</u>					
	a. Construction of PCCF Office at Aizawl.	30.00	40.00	30.00	-	-
	b. Forest colony at Aizawl.	-	10.00	20.00	40.00	50.00
	c. Construction of field structures.	30.00	30.00	35.00	55.00	60.00
	Total :	60.00	80.00	85.00	95.00	110.00

Grand Total for VIII Five Year Plan-Rs. 430.00 lakhs.

5. ASSISTANCE TO PUBLIC SECTOR UNDERTAKING

To check the shifting cultivation and providing jhumias with permanent way of earning livelihood, it is felt necessary to extend Institutional Financing to individual farmers for taking up forestry as part of his settlement. For the purpose a Forest Development Corporation is under consideration. Project report as well as memorandum of articles are under preparation. As Forest Department will not be involved directly its contribution will be to the extent of preparation of Project report, providing fund as equity share and participation by providing suitable officers for execution of works. Since physical target is to be indicated in the Project Report for such public sector undertaking, no physical target has been shown under this Head. A total of Rs. 19.00 lakhs is proposed as financial outlay for 8th Five Year Plan period. Year-wise break up of the outlay is as follows :-

Sl No.	Name of the Scheme	Financial Outlay (Rs. in lakhs)				
		1990-91	1991-92	1992-93	1993-94	1994-95
1.	Assistance to Public Sector Undertaking	2.00	2.00	4.00	5.00	6.00
Total for 1990-95 = Rs 19.00 lakhs.						

6. FOREST CONSERVATION AND DEVELOPMENT

A. FOREST PROTECTION -

In a state like Mizoram, where approximately 75 % of the total geographical area is recorded as forests, forest protection has great importance. Every year, a vast area is affected by shifting cultivation and forest fires. With the construction of new roads to so far inaccessible areas where beautiful natural forests had survived till now, biotic interference is increasing day by day and protection of those forests has become a real problem.

At present there exists only one Forest Protection Division with Headquarter at Aizawl. In addition to this, 10 existing territorial Divisions are also responsible for protection of forests. The protection works carried out by these Division and patrolling, checking of illegal exploitation of forests, encroachments, seizing illegally filed/collected forest produce and transporting it to safe custody, protection of forests from fire, grazing and other types of biotic interference. To carry out these works efficiently, sufficient fund is being proposed under this scheme during 8th Five Year Plan

In addition, Government of India is also launching a few Schemes of Forest Protection of which some are on 100% Central grant basis while some require 50 % state share as well. Therefore to match the central grant, sufficient provision will have to be kept under this scheme.

During 8th Five Year Plan, an outlay of Rs. 265.00 lakhs is proposed for the above works. Year-wise of break up of this outlay is as follows :-

<u>Sl.No.</u>	<u>Year</u>	<u>Proposed outlay (Rs. in lakhs)</u>
1.	1990-91	40.00
2.	1991-92	45.00
3.	1992-93	50.00
4.	1993-94	60.00
5.	1994-95	<u>70.00</u>
	Total :	265.00

B. FOREST CONSOLIDATION

In addition to the Forest Protection, forest consolidation is considered one of the most important items for permanent protection of Forests from encroachment. It is a fact that our existing reserved forest areas have been encroached upon during 20 years of long disturbance period when Forest Department had to remain a silent spectator as no action either by way of physical protection or legal action was possible during those days. Moreover, due to lack of proper survey and demarcation, proper protection of our existing reserved forests has become very difficult.

Therefore, consolidation of forests is being given prime importance during VIII Five Year Plan period. Proper survey and demarcation reserved forests will be done and boundary pillars/stones will be erected to indicate the anticipated that during VIII Five Year Plan period, at least 50 % of the total reserved forest area will be demarcated. As no Forest Consolidation Division exists to carry out this work, it is proposed that the territorial Divisions (10 Nos), Working Plan Division and Resources Survey Division will take up the work.

In addition, forest Department will coordinate with Land Administration Department and Agriculture Department, for re-constitution of Reserved Forest so as to evolve a better land-use pattern as advised by working group of State Planning Board. De-reservation of existing reserved forests areas suitable for non-forestry purpose including agriculture and reservation of unreserved forest areas in lieu of these dereserved areas will be done in accordance with the provisions of forest Conservation Act 1980.

An outlay of Rs 102.00 lakhs is proposed for 8th Five Year Plan Period and yearwise break up of outlay is as follows :

<u>Sl.No.</u>	<u>Year</u>	<u>Items of Works</u>	<u>Financial Outlay</u> (Rs. in lakh)
1.	1990-91	Survey & Demarcation of existing forests	12.00
2.	1991-92	- do -	15.00
3.	1992-93	- do -	20.00
4.	1993-94	Survey & demarcation of existing forests	25.00
5.	1994-95	- do -	30.00
TOTAL :			102.00

7. PRODUCTION FORESTRY INCLUDING SOCIAL AND FARM FORESTRY

Up to 7th Five Year Plan period, a centrally sponsored scheme on Rural Fuelwood Plantations (Social Forestry) with 50% State share was being implemented in Mizoram. Under the scheme plantations of fuelwood species and other importance species were being raised. The scheme was discontinued in 8th Five Year Plan by Government of India. However, the scheme is being revived in State Plan sector and following works will be taken up under this -

(a) Mizoram has a peculiar system of Village Council safety reserve forest under the control of Village Councils. In the safety reserves, no felling is allowed and these are primarily meant for maintaining of ecological equilibrium in the Village. On the other hand, supply reserves are basically meant for meeting the local demand of timber, fuelwood etc. of the Villagers. These are in the vicinity of the villages. Indiscriminate felling in these areas have led to depletion of forests and most of these reserves look barren. To meet the local demand of villagers, to maintain ecological equilibrium and also to protect that these reserves should be replenished with suitable local species by way of afforestation and natural

regeneration with enrichment planting. An area of 16,000 ha is proposed to be covered under afforestation as well as natural regeneration with enrichment planting.

(b) So far mostly teak and gomari were used for afforestation in Social Forestry scheme. However, it is felt that teak is not suitable for planting under fuelwood plantations. Therefore, emphasis will be given on planting of local species like *Schima wallichii*, *Castanopsis*, *Quercus*, *Acacia auriculiformis*, *Eucalyptus*, *Betula*, *Melia azadirachta* etc.-

(c) As Planning Commission is favouring decentralised planning and peoples participation, it is also suggested that plantation and natural regeneration works may be executed through Village Councils under the supervision and guidance of forest Department. This will help in developing a sense of ownership in the mind of local people. In addition to this, in raising of seedlings for these afforestation works, participation of peoples can be sought. Local people will be encouraged to raise suitable species under the guidance of Forest Department. Assistance in the form of subsidy and materials like seed, polythene bags may be provided by the Department. The seedlings/planting material will be purchased by the Department for planting purpose at appropriate rate. This will further attract peoples participation in afforestation schemes.

(d) Roadside plantations are proposed to be created during 8th Five Year Plan period. It is proposed to plant atleast 2.00 lakh seedlings along the roadside covering approximately 1000 Km. length of road during 8th Five Year Plan.

(e) Under the scheme some avenue plantations will also be taken up in important towns of Aizawl, Lunglei, Kolasib, Champhai etc. to beautify the town area and important places in the town.

An outlay of Rs 705.00 lakhs is proposed during 8th Five Year Plan period as per details below :

<u>Sl.No.</u>	<u>Item of Works</u>	<u>Physical Target</u>	<u>Estimated Cost(average)</u>	<u>Total estimated Cost(Rs.in lakh)</u>
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1	2	3	4	5
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Afforestation cum Natural Regenera tion in Village Council safety and supply reserves including		
(i) Advance work (ii) Creation of plan tation (iii) Nursery planting (V) subsequent maintenance etc. 16000 ha	Rs 4000/- per ha	640.00
2. Roadside plantation including creation, fencing and subse- quent maintenance 2.00 lakh seedlings	Rs 30/- per seedling	60.00
3. Avenue plantation I.S.		5.00

TOTAL		705.00

Yearwise break-up of financial outlay during 1990-95 is as follows :

<u>Sl.No.</u>	<u>Year</u>	<u>Financial Outlay (Rs. in lakh)</u>
1.	1990-91	100.00
2.	1991-92	115.00
3.	1992-93	130.00
4.	1993-94	160.00
5.	1994-95	200.00

TOTAL :		705.00

8. FOREST PRODUCTION (UTILISATION)

On the attainment of Statehood, Government of Mizoram is considering seriously the means of earning substantial revenue. Forest is considered one of the most important sources of revenue. However, over exploitation of forests can not be considered keeping serious ecological implications in view. But, optimum utilisation of forest resources can be taken up in scientific manner without distorting the ecological balance. Commercial felling has not been done so far in Mizoram and forest produce can not be taken out of Mizoram in accordance with prevalent rules and Acts. Therefore, the demand of forest produce is

mainly for domestic consumption and this is not of course very high. - But, there is a big difference in forest royalty rates and market prices of these forest produces particularly timber. This also attracts illegal felling. Therefore, to bring down the unusually high market price and also to check illegal felling, on coups of suitable size will be demarcated at appropriate places and felling will be done silviculturally by the Department. A Departmental saw mill is proposed to be established at Aizawl for the purpose.

In addition to this, revenue is expected by thinning of older plantations. In Mizoram, so far no thinning is done even in older plantations of teak. This may result in poor growth and malformations in trees. Therefore, from 1990-91 thinning in older teak plantations is being done and substantial amount of revenue is anticipated as a result of sale of thinning materials.

Financial outlay proposed for implementations of the scheme during 8th Five Year Plan period is Rs 51.00 lakhs and following items of works are proposed to be done.

- (i) Demarcations of suitable areas as coups for departmental felling.
- (ii) Establishment of Departmental saw mill.
- (iii) Procurement of improved logging tools and equipments.
- (iv) Thinning in older plantations.

Yearwise expenditure anticipated will be as follow :

<u>Sl.No.</u>	<u>Year</u>	<u>Financial Outlay</u> (Rs.in lakhs)
1.	1990-91	6.50
2.	1991-92	8.00
3.	1992-93	10.00
4.	1993-94	12.00
5.	1994-95	14.50
TOTAL		51.00

9. EXTENSION AND TRAINING

Forestry being a technical subject, a successful forester has to properly trained in the subject. He is also required to have ability to express himself properly to the common people to educate them for creating an awareness in their mind regard-

ding their role in maintaining the environmental equilibrium. Therefore, extension activities and training are considered extremely important in forestry.

A. EXTENSION

During 6th Five Year Plan, Forest Extension Division was created. Its main functions are doing publicity and extension with a view to educate people and create public awareness about the importance of forests. Further it aims at motivating the public to protect existing forests and Wildlife, plant more trees to meet their day to day requirements of forest produce as well as to maintain the quality of environment. This is achieved through suitable Audio visual media by publication of posters/pamphlets, booklets, display of boards, organising exhibitions, essay and drawing competitions, talks films, celebration of vanamahotsava, Wildlife week etc.

Accordingly, an outlay of Rs 49.00 lakhs is proposed under this scheme for 8th Five Year Plan. Yearwise breakup of financial outlay is given below :

<u>Sl.No.</u>	<u>Year</u>	<u>Financial Outlay</u> (Rs. in lakhs)
1	1990-91	5.50
2.	1991-92	7.00
3.	1992-93	10.00
4.	1993-94	12.00
5.	1994-95	<u>14.50</u>
TOTAL :		<u>49.00</u>

B. FORESTRY TRAINING

During 5th Five Year Plan, a small forest training school was established at Bethlehem, Aizawl for imparting training to Forest Guards. During the 6th five Year Plan period, it was given a Divisional Status where there was capacity of training 25 Foresters and 25 Forest Guards each year. During 7th Plan period, it was given a status of an Institute and named as Forest Education and Research Institute (FERI) but its main activity remained as training of Foresters and Forest Guards. In addition to this, a condensed course of (Refresher course) of two weeks is also proposed to be given to Forest Rangers every year.

Moreover, every year a number of Forest Rangers and ACFs are also trained outside the state and stipends are given to such trainees.

An outlay of Rs 103.00 lakhs is proposed for 8th Five Year Plan period, under the scheme to meet the expenditure of following items

- (i) Salary of staff, post of which were created during 7th Five Year Plan period.
- (ii) Improvement in trainees Hostels, extension of play ground, construction of Volleyball ground, Badminton Hall, improvement in sport facilities.
- (iii) Construction of quarters for teaching staff.
- (iv) Construction of important approach roads from Hostels to Class rooms and to playground.
- (v) Improvement in laboratory facility.
- (vi) Maintenance of FE & RL Campus area of which is about 20 ha and full of variety of flora.
- (vii) Stipend for trainees going outside State for training.

Yearwise break-up of financial outlay during 8th Five Year Plan period is given below :

<u>Sl.No.</u>	<u>Year</u>	<u>Financial Outlay</u> (Rs. in lakhs)
1.	1990-91	14.00
2.	1991-92	18.00
3.	1992-93	20.00
4.	1993-94	24.00
5.	1994-95	27.00
	<u>TOTAL</u>	<u>103.00</u>

9. OTHER EXPENDITURES

Forest field staff and labourers working in Forestry Development have to discharge their duties in very difficult conditions away from modern amenities. Basic amenities like drinking water, firstaid, medical facilities, labour sheds, pit latrines, recreatal and sport facilities are required to be provided to them. Provision of such amenities is made under this Scheme. An outlay of Rs 33.00 lakhs is indicated under this scheme and yearwise break-up is as follows :

<u>Sl.No</u>	<u>Year</u>	<u>Physical Target</u>	<u>Financial Outlay</u> (Rs. in lakhs)
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1.	1990-91	L.S.	4.00
2.	1991-92	L.S.	5.00
3.	1992-93	L. S.	6.00
4.	1993-94	L.S.	8.00
5.	1994-95	L.S.	10.00
			33.00
TOTAL			

10. WILDLIFE PRESERVATION

The scope of definition of Wildlife has recently been extended to all wild living being and so such Wildlife preservation has no longer restricted to preservation of wild animals alone, but also to preservation of wild plants. Under the scheme, management of wildlife sanctuaries and biosphere reserves are included. Few selected preservation areas of primary natural forests important from Wildlife point of view - are also included in its per-view.

In Mizoram, at present, there are two Wildlife sanctuary namely Dampa Wildlife sanctuary, and Murlen Wildlife sanctuary. In addition to this, there are two more areas in South Mizoram Ngengpui and Phawngpui which are being proposed as Wildlife sanctuary, and Lungkuh is a potential site for bird sanctuary owing to the presence of Rengdil lake and fruit bearing trees. A mini-Zoo exists in Aizawl under the management of Wildlife Division.

At present, there is only one Wildlife Division at Aizawl which was created during 7th Five Year Plan period. One of Wildlife Division is very much insufficient for management of Wildlife of these areas particularly areas in South Mizoram which are very far. Therefore, one more wildlife Division with Headquarter at Lunglei or Lawngtlai is proposed to manage wildlife areas in south Mizoram. The requirement of this Division is ahead considered in Administration.

Following works are proposed to be undertaken during 8th Five Year Plan.

- (i) Consolidation and development of Dampa and Murlen Wildlife sanctuary.
- (ii) Development of Ngengpui and Phawngpui areas and declaring these areas as wildlife sanctuaries under wildlife preservation Act 1972.
- (iii) Census in Murlen wildlife sanctuary and proposal for its declaration as National Park.
- (iv) Development of Lungkuh Bird sanctuary including planting of fruit bearing trees.
- (v) Development of mini-Zoo at Aizawl.
- (vi) Protection of wildlife areas from poaching and encroachment.
- (vii) Constitution of several biosphere reserves.

Developmental works include construction of patrol paths, approach paths/roads construction of staff quarters, water holes, improvement of cages in Zoo watch towers, viewlines, trace paths, grassland, enrichment planting of fruit bearing trees etc.

An outlay of Rs 255.00 lakh is proposed for 8th Five Year Plan and yearwise expenditure anticipated is as follows :

<u>Sl.No</u>	<u>Year</u>	<u>Financial Outlay(Rs. in lakh)</u>
1.	1990-91	30.00
2.	1991-92	40.00
3.	1992-93	50.00
4.	1993-94	60.00
5.	1994-95	75.00
TOTAL		255.00

11. PUBLIC GARDENS (RECREATION FORESTRY)

During 7th Five Year Plan period, particularly during Nehru Centenary Year, on the instruction of the Government, Nehru Rose Gardens were created in a number of Divisions. In addition, during 1985-86, Tamdil lake in Saitual Range was also beautified. The Children Park, managed by Forest Department, exists since long back. Enthusiasm of visitors as evident from the frequent visits of public, encourages forest department for creation of more recreational cum. education centres. A number of Divisions are coming up with proposals of establishing recreational centres on the demand of Village Council in their Division.

It is therefore, proposed that during 8th Five Year Plan, 10 recreational centres (one in each territorial Division) will be established on the lines of Van chetna kendra. In addition to planting of avenue trees, important trees of that locality will be planted along with a small nursery of these trees. Slogan concerning forestry in the form of signboards will be fixed at convenient places in these centres. Maintenance of existing Rose Gardens and Children Park will have to be taken up under this scheme.

An outlay of Rs 26.00 lakhs is proposed to be taken up under this scheme during 8th Five Year Plan. Yearwise break-up of outlay is indicated below :

<u>Sl.No</u>	<u>Year</u>	<u>Physical Target</u>	<u>Financial target</u> (Rs. in lakhs)
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		I(E) - 25 -	
1.	1990-91		-
2.	1991-92	(i) 2 Nos. of recreational Centres	-
		(ii) Maintenance of Rose Gardens and Children Park	5.00
3.	1992-93	(i) 2 Nos. of Recreational centres.	
		(ii) Maintenance of Rose Gardens Children Park and recrea tional centre	6.00
4.	1993-94	(i) 3 Nos. of recreational cen tres	
		(ii) Maintenance of Rose Gardens Childrens Park and recrea tional Centre.	7.00
5.	1994-95	(i) 3 Nos. of recreational centres	
		(ii) Maintenance of Rose Gardens Children Park and recrea tional centres	8.00
			<hr/>
TOTAL			26.00
			<hr/>

12. NATIONAL WASTELAND DEVELOPMENT PROGRAMME

The word "Wasteland Development" has become the main activity of forest department under which various plantations are raised in various types of land depending on the extent of degradation and also depending upon the suitability of species in a particular locality. As per criteria of National Mission on Wasteland Development, open forests with a crown density less than 40% are considered as degraded forests lands. According to the state of Forest Report 1987 which gives the estimate of forest area by density classes, in Mizoram total 16.154 lakh ha of area is categorised as degraded forests (with less than 40% crown density). One of the main causes of such degradation is the primitive practice of Jhum/shifting cultivation. In view of the massive programme on control of shifting cultivation, vast area of Jhum land will be available now for afforestation activities. Apart from this, some of the areas of natural forests which are opened up/ degraded due to accidental jhum fires and illicit activities need restocking.

Under the scheme, during 8th Five Year Plan period following targets are proposed :

- (i) 26000 ha of area will be afforested by plantations of suitable species like teak, gomari, Michaelia, Pine etc.
- (ii) 9000 ha of area will be put under natural regeneration cum enrichment planting.
- (iii) Maintenance of last 5 years plantations including weedings and cultural operations.

In addition, expenditures of recurring nature like Salary; Wages; T.E.; G.E., etc. and of non-recurring nature like purchase of equipments, maintenance of vehicle, etc. are also taken into consideration.

A financial outlay of Rs 1640.00 lakhs is proposed under the scheme for 8th Five Year Plan. Yearwise Break-up of Physical and Financial targets is indicated below :

<u>Sl.No.</u>	<u>Year</u>	<u>Item of work</u>	<u>Physical Target</u>	<u>Financial Target (Rs. in lakh).</u>
1.	1990-91 (Approved)	1. Creation of plantations @Rs 4000/-per ha	4000 ha	160.00
		2. Maintenance of Older plantations	L.S.	40.00
		3. Miscelaneous expenditure on Salary/Wages/T.E./ etc.	LS.S	<u>20.00</u>
		TOTAL		220.00
2.	1991-92	1. Creation of plantations @Rs. 4000/-per ha	4000 ha	160.00
		2. Natural regeneration cum. enrichment planting @Rs. 3000/-per ha	1000 ha	30.00
		3. Maintenance of older plantations	L.S.	40.00
		4. Miscelaneous expenditure	LS.	20.00
TOTAL :				250.00

3.	1992-93	1. Creation of plantations @ Rs. 4000/- per ha	5000 ha	200.00
		2. Natural regeneration @ Rs. 3000/- per ha	2000 ha	60.00
		3. Maintenance of older plantations	L.S.	40.00
		4. Miscellaneous expenditure	L.S.	20.00
			TOTAL	320.00
4.	1993-04	1. Creation of plantations @ Rs. 4000/- per ha	6000 ha	340.00
		2. Natural regenerations cum enrichment planting @ Rs. 3000/- per ha	3000 ha	90.00
		3. Maintenance of older plantation	L.S.	50.00
		4. Miscellaneous expenditure	L.S.	20.00
			TOTAL :	400.00
5.	1994-95	1. Creation of plantations @ Rs. 4000/- per ha	7000 ha	280.00
		2. Natural regeneration cum enrichment planting @ Rs. 3000/- per ha	3000 ha	90.00
		3. Maintenance of older plantations	L.S.	60.00
		4. Miscellaneous expenditure	L.S.	20.00
			TOTAL	450.00
	1990-95	GRAND TOTAL		1640.00

NOTE : (a) Creation of plantation includes advance work like survey & demarcation, jungle clearance, burning & rebur-nigg, soil work etc, digging of pits, stacking, actual planting, nursery creation, fencing, casualty replacement, 3 to 5 weelings, sign boards, inspection paths, firelines and other fire protection measures.

(b) Natural regeneration includes fencing from vulnerable points, tending operations, enrichment planting wherever required and fire protection measures.

1.No.	Name of Scheme	Proposed		Outlay for 1990-91 (Approved)	(Rs. in lakhs)
		Eight Plan Outlay Revenue	Capital		Anticipated Expenditure during 90-91
1	2	3	4	5	6

DIRECTION & ADMINISTRATION

(a) Recurring expenditures
like Salary/TE/OE/LTC
Rent etc.

375.00

-

49.50

49.50

(b) Non-recurring including
purchase of Vehicles,
maintenance POL etc.

80.00

-

10.50

10.50

TOTAL

455.00

60.00

60.00

SURVEY AND UTILISATION OF
FOREST RESOURCES (WORKING
PLAN)

1. Minor works

51.00

-

6.00

6.00

TOTAL :

51.00

6.00

6.00

STATISTICS INCLUDING
FORESTRY RESEARCH

A. Statistical Information and
Evaluation Cell

Minor works and Miscellenous
Expenditures

30.00

4.00

4.00

TOTAL

30.00

4.00

4.00

1 (E) - 28

(1)	(2)	(3)	(4)	(5)	(6)
	<u>B.Forestry Research</u>				
	1. Recurring expenditures including Salary/Wages/ T.E./O.E./Rent etc.	113.00	-	14.00	14.00
	2. Minor works	<u>40.00</u>	-	<u>4.00</u>	<u>4.00</u>
	TOTAL	<u>153.00</u>		<u>18.00</u>	<u>18.00</u>
4.	<u>COMMUNICATION & BUILDINGS</u>				
	<u>A.Communication</u>				
	1. Minor works	<u>133.00</u>	-	<u>18.00</u>	<u>18.00</u>
	TOTAL	<u>133.00</u>		<u>18.00</u>	<u>18.00</u>
	<u>B.Buildings</u>				
	1. Major works (Construction of Office Complex and forest colony)		160.00	30.00	30.00
	2. Minor works	<u>270.00</u>	-	<u>30.00</u>	<u>30.00</u>
	TOTAL	<u>270.00</u>	<u>160.00</u>	<u>60.00</u>	<u>60.00</u>
5.	<u>ASSISTANCE TO PUBLIC SECTOR UNDERTAKING</u>				
	1. Minor works	<u>19.00</u>	-	<u>2.00</u>	<u>2.00</u>
	TOTAL	<u>19.00</u>	-	<u>2.00</u>	<u>2.00</u>

[Ce]-29

	(2)	(3)	(4)	(5)	(6)
6.	<u>FOREST CONSERVATION & DEVELOPMENT</u>				
	<u>A. Forest Protection</u>				
1.	Recurring expenditure like Salary/Wages/TE/OE/ Rent etc.	165.00	-	23.00	28.00
2.	Minor works	100.00		12.00	12.00
	TOTAL	265.00		40.00	40.00
	<u>B. Forest consolidation</u>				
1.	Minor works	102.00		12.00	12.00
	TOTAL	102.00		12.00	12.00
	<u>PRODUCTION FORESTRY INCLUDING SOCIAL & FARM FORESTRY</u>				
1.	Minor works	105.00		100.00	100.00
	TOTAL	105.00		100.00	100.00
7.	<u>FOREST PRODUCTION (UTILISATION)</u>				
1.	Minor works	51.00		6.50	6.50
	TOTAL	51.00		6.50	6.50

1 (B) - 30

(2)

(3)

(4)

EXTENSION AND TRAININGA. EXTENSION

1. Minor works	49.00
TOTAL	49.00

5.50

5.50

5.50

5.50

B. TRAINING

1. Recurring expenditure like salary/wages/TE/OE/Rent etc.	42.00
2. Minor works	61.00
TOTAL	103.00

6.00

6.00

8.00

8.00

14.00

14.00

OTHER EXPENDITURES

1. Minor works	33.00
TOTAL	33.00

4.00

4.00

4.00

4.00

WILDLIFE PRESERVATION

1. Recurring expenditures like salary wage/TE/OE/Rent etc.	60.00
2. Minor works	195.00
TOTAL	255.00

8.00

8.00

22.00

22.00

30.00

30.00

2. PUBLIC GARDENSRECREATION FORESTRY)

Minor works	26.00
TOTAL	26.00

3. NATIONAL WASTELAND DEVELOPMENTPROGRAMME

Miscellaneous expenditures like wages/TE/OE/Rent etc	100.00
1. Minor works	1540.00
TOTAL	1640.00

20.00

20.00

200.00

200.00

220.00

220.00

1 (B) - 31

No	Name of the scheme	Unit	Physical Targets 1990-95	Physical Targets 1990-91	Anticipated Achievement 1990-91
(1)	(2)	(3)	(4)	(5)	(6)

DIRECTION & ADMINISTRATION

(a) Staff

1.	Chief Conservator of Forest	Nos	1	-	-
2.	Conservator of forests	"	2	-	-
3.	Deputy Conservator of forest	"	6	-	-
4.	Assistant Engineers	"	1	-	-
5.	Assistant Conservator of forests	"	9	-	-
6.	Forest Rangers	"	15	-	-
7.	Deputy Rangers	"	12	-	-
8.	Foresters	"	24	-	-
9.	Forest Guards	"	48	-	-
10.	Surveyors	"	6	-	-
11.	Draftsman	"	6	-	-
12.	Chairman	"	12	-	-
13.	Steno Grade I	"	3	-	-
14.	Steno Grade II	"	6	-	-
15.	Superintendent	"	3	-	-
16.	Assistants	"	9	-	-
17.	UDC	"	9	-	-
18.	LDC	"	27	-	-

1 (B) - 32

1 (e) - 33

	(2)	(3)	(4)	(5)	(6)
19. Accountant		No.		9	-
20. Driver		"		12	-
21. Peon		"		18	-
22. Chowkider		"		9	-
23. Sweeper		"		9	-
24. Dak Runner		"		9	-
				265	
Total :					
(b) 1. I.T.E/O.E. Wages etc.		LS		LS	LS
2. Rent		LS		LS	LS
3. Purchase of Cars		No.		3	-
4. Purchase of Bheeps		No.		7	-
5. Purchase of Trucks		No.		3	-
6. Minor Works		LS		LS	LS
7. Purchase of Uniforms		LS		LS	LS
<u>2. SURVEY AND UTILISATION OF RESOURCES</u>					
1. Survey of MFP		ha		4000 ha	-
1. Working Plan Survey		No. of Divn.		5 Divn.	1
<u>3. STATISTICS INCLUDING FORESTRY RESEARCH</u>					
<u>Statistical Information and Evaluation Cell</u>					
1. Wages/O.E./Publication etc.		LS		LS	LS

(1)	(2)	(3)	(4)	(5)	(6)
	2. Minor Works (collection and tabulation of information, monitoring, evaluation etc.)	L.S.	L.S.	L.S.	L.S.
	<u>B. Forestry Research</u>				
	1. Salary/TE/Wages/OE, rent, etc.	L.S.	L.S.	L.S.	L.S.
	2. Minor Works	L.S.	L.S.	L.S.	L.S.
4.	<u>COMMUNICATION AND BUILDINGS</u>				
	<u>A. Communication</u>				
	1. Minor Works	L.S.	L.S.	L.S.	L.S.
	2. Maintenance	L.S.	L.S.	L.S.	L.S.
	<u>B. Buildings</u>				
	1. Major Works	L.S.	L.S.	L.S.	L.S.
	2. Minor Works	L.S.	L.S.	L.S.	L.S.
5.	<u>ASSISTANCE TO PUBLIC SECTOR UNDERTAKINGS</u>				
	1. Minor Works	L.S.	L.S.	L.S.	L.S.
6.	<u>FOREST CONSERVATION AND DEVELOPMENT</u>				
	<u>A. Forest Protection</u>				
	1. Salary/Wages/OE/TE/Rent etc.	L.S.	L.S.	L.S.	L.S.
	2. Minor Works	L.S.	L.S.	L.S.	L.S.

contd..../-

1(0) - 34

(1)	(2)	(3)	(4)	(5)	(6)
	<u>B. Forest Consolidation</u>				
	1. Minor works (survey and demarcation of existing reserve forestry.	L.S.	L.S.	L.S.	L.S.
7.	<u>PRODUCTION FORESTRY INCLUDING SOCIAL AND FARM FORESTRY</u>				
	1. Minor Works				
	(a) Creation of plantation	ha	16000 ha	2000 ha	2000 ha
	(b) Roadside plantation	No. of plants	2.00 lakhs	-	-
	(v) Avenue plantation	L.S.	L.S.	L.S.	L.S.
8.	<u>FOREST PRODUCTION (UTILISATION)</u>				
	1. Minor Works	L.S.	L.S.	L.S.	L.S.
9.	<u>EXTENSION & TRAINING</u>				
	A. <u>EXTENSION</u>				
	1. Minor works	L.S.	L.S.	L.S.	L.S.
	B. <u>TRAINING</u>				
	1. Officers	L.S.	L.S.	L.S.	L.S.
	2. Rangers	L.S.	L.S.	L.S.	L.S.
	3. Foresters	Nos.	125.	25.	10.
	4. Forest Guards	Nos	125	25.	14.
10.	<u>OTHER EXPENDITURES</u>				
	1. Minor Works	L.S.	L.S.	L.S.	L.S.

contd..../-

11(B) - 35

(1)	(2)	(3)	(4)	(5)	(6)
11.	<u>WILDLIFE PRESERVATION</u>				
	1. Salary/TE/Wages/OE/Rent. etc	L.S.	L.S.	L.S.	L.S.
	2. Minor Works	L.S.	L.S.	L.S.	L.S.
12.	<u>PUBLIC GARDENS (RECREATION FORESTRY)</u>				
	1. Minor works (Establishment of recreation centres)	Nos	10	-	-
	2. Maintenance of Rose Gardens & Children's Park	L.S.	L.S.	-	-
13.	<u>NATIONAL WASTELAND DEVELOPMENT PROGRAMME</u>				
	1. Salary/TE/OE/Wages/Rent etc.	L.S.	L.S.	L.S.	L.S.
	2. Minor Works				
	(a) Plantation	ha	26000 ha	4000 ha	4000 ha
	(b) Natural Regeneration	ha	9000 ha	-	-
	(c) Maintenance of older plantations.	L.S.	L.S.	L.S.	L.S.

1 (E) - 3C

8TH FIVE YEAR PLAN 1990-94
AND
ANNUAL PLAN 1991-92
CO-OPERATION DEPARTMENT.

INTRODUCTION.

Co-operative Movement cannot make much headway in Mizoram in view of unrelenting insurgency for over 20 years. However, inspite of compelling law and order constraints, initiatives were made to organise cooperatives in the rural sector of the economy with the objective of helping the weaker section of the public. The thrust of the 7th Plan was to strengthen the Consumer Cooperatives so that essential commodities can be made available at reasonable prices and ensure accessibility of agricultural produce to remunerative markets, Initiatives were also taken to organise cooperatives for dairy, livestock, fisheries and also handloom products. The position of Cooperative Societies and the involvement of the public in the movement which is indicative of the increasing Cooperativesation of the economy could be apparent from the statement given at Annexure 'C'.

2. Cooperative Apex Bank has established during the 7th Plan with a view to provide necessary Credit facilities for rural sector mainly for agriculture and allied purposes. In view of certain short-comings like lack of proper land tenure system, primitive mode of jhum cultivation and absence of specialised financial institution like Land Development Bank, the flow of credit has been marginal.

3. In other important areas like marketing of agricultural produces, dairy farming, handloom products etc., the ventures taken in the Cooperative Sector are still on an experimental basis and it is necessary to give a major boost to all such schemes on a large scale to realising their full potential as vehicle for economic development.

4. Role of Cooperatives have been made increasingly significant in view of the Government of India's inclination to strengthen the panchyats and Municipal bodies. In line with the new strategy of the Government of India, the Government of Mizoram has also emphasised the need for human resources.

development and grassroot planning for involving the people in the process of development. As a corollary to decentralised planning, the Government of Mizoram has adopted the New Land Use Policy as would optimise production and generate employment opportunities. The major thrust of the 8th Plan strategy would be to introduce schemes appropriate to rural sector by harnessing the resources - man, money and material as would strengthen infrastructural base and progressively improve the condition of the weaker sections of society. It is obvious that the realisation of such objectives would require institutional frame work which cooperatives readily offer with scope for diffusion of ownership of resources and delinking power with ownership.

5. Thus in the 8th Plan projection of Cooperation Department, the following thrust areas have been identified as would largely help towards realising the aforesaid broad plan objectives :-

- (1) Suitable steps for attaining Self-Sufficiency in Meat and Vegetables.
- (2) Setting-up of oil extracting units for processing of oil seeds locally produced and thereby attaining self-sufficiency in edible oils.
- (3) Obtaining N.C.D.C. assistance with marching contribution from the plan funds to implement "Integrated Fruits and Vegetable Project" with an estimated cost of Rs.3.00 crores as would increase production and also ensure processing and Marketing of Fruits and Vegetables.
- (4) To take up schemes in the Cooperative Sector for Dairy, Piggery, Cattle, Poultry etc., farming with the assistance from N.C.D.C.
- (5) To avail facilities given by N.C.D.C. for introduction of Integrated Cooperative Development Project preferably in Aizawl and Chhimituipui Districts as would bring hitherto uncovered areas in the Cooperative Sector and bring an allround development through cooperatives.
- (6) To initiate suitable steps in collaboration with NAFED, TRIFED etc., for marketing of Agricultural produces as would ensure remunerative prices for the growers.

(7) To initiate steps for modernising the handloom industries as would enable the Cooperative Societies to update and standardise the products suited to changing tastes particularly in metropolitan cities for sale at remunerative prices within and outside the state.

(8) To strengthen the fishery cooperatives in the prospective areas with due assistance from N.C.D.C. and also provide for cold storage/refrigerator van as would facilitate marketing of fish in fresh form.

(9) Rehabilitation of MIZOFED as Apex Level State Body for procurement and distribution of essential commodities at reasonable prices. In order to make MIZOFED more effective it may be assigned increasingly important rôle in Public Distribution System by integrating the federal body with a net work of primary Marketing Societies with assistance from N.C.D.C. under lead and lick societies schemes.

(10) To introduce schemes for Cooperative Education and Training by revamping the Cooperative Union so that sustained publicity campaign is launched for arousing awareness amongst the public about the importance of Cooperative Movement and secure their spontaneous involvement in converting into a "People's Movement".

The total proposed outlay for the Eight Plan and approved Annual Plan 1990-91 and proposal Annual Plan 1991-92 are shown below :-

Sl. No.	Name of the Schemes.	8th Plan (1990-95) Outlay.	Approved Annual Plan 1990-91	Annual Plan 1991-92 Target.
1.	Direction & Administration	182.00 Lakh	20.50 Lakh	44.50
2.	Training	4.00 "	-	3.00
3.	Assistance to Multipurpose and Rural Cooperative	100.00 "	13.00 "	17.00

contd...4/-

4. Credit Cooperative	120.00 Lakh	11.00 Lakh	11.00
5. Housing Cooperative	40.00 "	5.00 "	6.00
6. Labour Cooperative	5.00 "	1.00 "	1.00
7. Farming Cooperative	31.00 "	4.00 "	5.00
8. Dairy & Livestock	100.00 "	12.10 "	10.10
9. Handloom & Weaving Coop.	30.00 "	6.00 "	6.00
10. Industrial Cooperative	25.00 "	2.00 "	2.00
11. Fishery Cooperative	40.00 "	4.00 "	4.00
12. Storage	15.00 "	3.00 "	3.00
13. Cooperative Fruit/ Vegetable Grower.	15.00 "	7.00 "	7.00
14. Fruit Processing/Oil Extracting	100.00 "	5.00 "	5.00
15. Agricultural Credit Stabilisation.	2.00 "	0.40 "	0.40
16. Consumer and Marketing	90.00 "	27.00 "	20.00
17. Cooperative Training and Education.	51.00 "	5.00 "	5.00
TOTAL :-	950.00 Lakh	126.00 Lakh	150.00

1. Direction & Administration.

(i) During the 7th Plan period emphasis was laid for strengthening the Directorate by creating senior level supervisory posts (viz. posts of Jt.Registrar and Deputy Registrar etc) and opening of audit, statistical and liquidation cells as would improve the functional efficiency of the department commensurate with the increasing role assigned to Cooperatives in the plan strategy of the Government. Accordingly one post of Jt.Registrar, 2 posts of Deputy Registrars etc., were created during the 7th Plan. The planning commission also approved upgradation of 4 District Offices to be manned by Deputy Registrars instead of Assistant Registrars. But owing to some difficulties the posts of Deputy Registrars for manning the District Offices could not be created. It is proposed to create these 4 posts during the 8th Plan.

(ii) It is also essential to create posts of Finance and Accounts Officer, one Statistician and drivers in the Directorate as well as district and Sub-divisions.

contd...5/-

(iii) During the 8th Plan it is not intended to make much expansion programme in the Department excepting opening of four more Sub-Divisions which could not be implemented during the 7th Plan.

(iv) As a result of the completion of the construction of the Departmental Office building at Alzawl House Rent has been proposed only for Office at Sub-Divisional headquarters for the first three years.

(v) The Department requires land for construction of building for Offices/Staff Quarters for which provision is also made.

(vi) The Junior Training Centre which is to be constructed at Luangmual by the Department is expected to be completed during the 8th Plan for which fund is provided. This training centre is for training of the Departmental Officers and Cooperative Members to attain professional efficiency in the management of Cooperative Societies.

(vii) As the Department is to open additional 4 Sub-Divisions, it is necessary to equip the Sub-Divisions with vehicles including the existing two Sub-Divisions at Champhai and Kolosib.

During the 8th Plan period and Approved Annual Plan 1990-91 and proposed Annual Plan 1991-92 the fund allotted for Direction and Administration is as follows :-

	(in lakhs)		
	8th Plan	Approved Annual Plan 1990-91.	Annual Plan 1991-91 Target.
1. Building	63.00 Lakhs	-	21.00
2. Salary	56.00 "	10.00	10.00
3. O.E.	29.00 "	6.00	6.00
4. T.E.	15.00 "	3.00	3.00
5. Vehicles	9.00 "	-	3.00
6. Rent	10.00 "	1.50	1.50
TOTAL	180.00 Lakhs	20.50	44.50

Proposed outlay during the Annual Plan 1991-92 is as follows :-

<u>Items.</u>	<u>Total.</u>	<u>Direction.</u>	<u>Aizawl.</u>	<u>Junglei.</u>	<u>Chhimituipui</u>
1. Salary	10.00	2.50	1.50	3.00	3.00
2. O.E.	6.00	2.00	2.00	1.00	1.00
3. T.E.	3.00	1.00	1.00	0.50	0.50
4. Rent.	1.50	-	0.50	0.40	0.30
5. Building	21.00	21.00	-	-	-
6. Vehicle	3.00	3.00	-	-	-
TOTAL :-	44.50	29.50	5.00	4.90	4.80

Training - The Government from time to time encouraged Cooperative Training within and outside the country for the Departmental Officers and for the Cooperatives. Therefore training is an essential for the development of effective and professionalised management, Rs.4.00 lakh is provided for the 8th Plan. During the Annual Plan 1990-91 Rs. 3.00 lakhs is provided.

2. ASSISTANCE TO MULTIPURPOSE & RURAL COOPERATIVES.

Under this scheme we have three types of Societies, namely service cooperative, Multipurpose cooperative, Canteen cooperatives.

(1) SERVICE SOCIETIES. These societies which were originally constituted to function as Agricultural Credit Societies (PACS) could not yet take up credit business. Therefore they take up consumer business.

The Multipurpose Societies and Canteen Societies exist both in villages and Urban areas for which share capital for augmentation of their working capital and Transport subsidy will be provided.

Under this scheme Rs.100.00 Lakhs is provided during the 8th Plan as shown below. Instead of organisation of more service societies, it is proposed to foster the existing societies during 8th Plan so that they may consolidate their position and attain financial viability.

Contd...7/-

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituipui</u>
(a) Service Cooperative	Rs. 70.00	Rs. 40.00	Rs. 20.00	Rs. 10.00
(b) Multipurpose Cooperative	Rs. 25.00	Rs. 10.00	Rs. 8.00	Rs. 7.00
(c) Canteen Cooperative	Rs. 5.00	Rs. 3.00	Rs. 1.00	Rs. 1.00
TOTAL :-	Rs. 100.00	Rs. 53.00	Rs. 29.00	Rs. 18.00

During the Annual Plan 1991-92 the following financial assistance is proposed.

Service Cooperative :

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituipui</u>
Share capital	3.00	2.00	0.50	0.50
Transport subsidy.	7.00	4.50	1.50	1.00
Managerial subsidy	2.00	1.50	0.25	0.25
TOTAL :-	12.00	8.00	2.25	1.75

Multipurpose Cooperative :

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituipui</u>
Share capital	2.00	1.50	0.25	0.25
Transport subsidy	2.00	0.70	0.70	0.60
TOTAL :-	4.00	2.20	0.95	0.85

Canteen Cooperative :

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituipui</u>
Share capital	1.00	0.50	0.25	0.25
TOTAL :-	1.00	0.50	0.25	0.25

Physical targets of organising Cooperative Societies during the Annual Plan 1991-92 are as follows :-

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituipui</u>
(1) Service	-	-	-	-
(2) Multipurpose	5	5	4	3
(3) Canteen	5	5	4	2

3. CREDIT COOPERATIVES :

Under this scheme we have cooperative financing institutions and LAMPS. In Mizoram the flow of rural credit is very poor for absence of proper land tenure system and primitive mode of jhum cultivation. However efforts are underway to overcome these constraints by gradual conferment of ownership of land to farmers and planned switch over from jhum to permanent cultivation (wet rice cultivation) in co-ordination with Agricultural Development.

During the 8th Plan period the following financial assistance will be provided under this scheme.

(a) Apex Bank	-	Rs.45.00 lakhs
(b) Urban Bank	-	Rs.50.00 "
(c) LAMPS	-	Rs.25.00 "

The following financial assistance are provided for the Annual Plan 1991-92 for fostering the existing societies.

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituipui</u>
Apex Bank	1.00	-	-	-
Urban Bank	5.00	-	-	-
<u>LAMPS :</u>				
Share capital	2.50	2.00	0.20	0.30
Transport subsidy	2.50	2.00	0.20	0.30
TOTAL :-	5.00	4.00	0.40	0.60

4. ASSISTANCE TO OTHER COOPERATIVES :

Under this scheme we have Housing Cooperatives, Labour Cooperatives, Farming Cooperatives, Dairy & Livestock Cooperatives, Industrial Cooperatives, Fishery Cooperative, Rural Godown, Cooperative Fruits and Vegetables Growers and Fruit Processing & Oil Extracting Cooperatives.

The following assistance are earmarked under this scheme during the 8th Plan period.

		<u>Tone</u>
(1) Housing Cooperative	-	Rs. 40.00 Lakhs
(2) Labour Cooperative	-	Rs. 5.00 "
(3) Farming Cooperative	-	Rs. 31.00 "
(4) Dairy & Livestock Coop.	-	Rs. 100.00 "
(5) Handloom/Weaving Coop.	-	Rs. 30.00 "

contd...9/-

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(6) Industrial Coop.	-	Rs. 25.00 Lakhs
(7) Fishery Cooperative	-	Rs. 40.00 "
(8) Storage	-	Rs. 15.00 "
(9) Coop. Fruits & Vegetable Growers	-	Rs. 15.00 "
(10) Fruit Processing & Oil Extracting	-	<u>Rs. 100.00 "</u>
TOTAL :-		<u>Rs. 401.00 Lakhs</u>

(1) HOUSING COOPERATIVES : Organisation of Housing Cooperatives will be encouraged in the urban areas within the State. It is intended to organise 20 Housing Cooperatives at the Primary Level during the 8th Plan which will assist the members for obtaining building loan from the Federation.

During the Annual Plan 1991-92 the following Financial Assistance is proposed.

<u>Housing Coop.</u>		<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
Share Capital	4.50	3.50	0.50	0.50
Managerial Sub.	1.00	1.00	-	-
House Rent	<u>0.50</u>	<u>0.50</u>	-	-
	<u>6.00</u>	<u>5.00</u>	<u>0.50</u>	<u>0.50</u>

Physical Target for organisation fixed for the Annual Plan 1991-92 is as follows :-

	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
Housing Coop.	6	5	4

(2) LABOUR COOPERATIVE : Labour cooperative could not develop properly in the absence of works allotment from major Departments. It is expected that work without Call of Tenders as provided under P.W.D. Rules would be given to them for employment generation. It is intended to organise 15 Labour Cooperative Societies during the 8th Plan.

8th Plan projected outlay is as follows :-

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
Share Capital -	Rs.5.00	Rs.3.00	Rs.1.00	Rs.1.00

contd...10/-

During the Annual Plan 1991-92 the following Financial Assistance is proposed.

<u>Labour Coop.</u>	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
Share Capital	1.00	0.80	0.10	0.10
TOTAL :-	1.00	0.80	0.10	0.10

Physical Target for organisation of Labour Coop. Societies for the year 1991-92 is as follows :-

	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
Labour Coop.	7	5	5

(3) FARMING COOPERATIVE : Under the Land-Use-Policy it is expected that good number of families will be encouraged to take up farming. Under this scheme provision will be made for construction of farm houses wherever suitable and working capital for purchase of input and seeds. It is intended to organise 30 Farming Cooperative in agriculture and allied activities suited to local conditions and depending on feasibility prospect in terms of professional/Vocational background of the individual members of the Cooperative Society. During the 8th Plan the projected outlay is as follows :-

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
Share Capital	-Rs.21.00 Lakhs	Rs.10.00	Rs.6.00	Rs.5.00
Farm House	-Rs.10.00 "	Rs. 5.00	Rs.3.00	Rs.2.00

Physical Target for 1990-91 is as follows :-

<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
4	2	1	1

During the Annual Plan 1991-92 the following Financial assistance is proposed-

Farming Coop.

Share capital	2.00	1.50	0.25	0.25
Farm House	1.00	0.70	0.15	0.15
Purchase of Seed	2.00	1.50	0.25	0.25
Total :-	5.00	3.70	0.65	0.65

(4) DAIRY & LIVESTOCK COOPERATIVE :

(1) Dairy & Livestock Cooperative have great potential in Mizoram. Primary Level Milk Producer Societies which have been organised in some village have proved to be successful. It is proposed to organise 20 Milk Producer Cooperatives during the 8th Plan.

contd....11/-

has purchased the land for the construction of farm houses. The Government has also provided the necessary funds for the purchase of land and for the construction of farm houses. The Government has also provided the necessary funds for the purchase of land and for the construction of farm houses.

(11) Mizoram Government has stressed the need for attaining self-sufficiency in Meat and Vegetable. Priority will be given for organisation of Cooperative Societies where Land-Use-policy finds appropriate location for Piggery Cooperative Societies.

During 8th plan projected outlay is as follows :-

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
Share capital	Rs.70.00	Rs.40.00	Rs.20.00	Rs.10.00
Managerial Subsidy.	Rs.10.00	Rs. 4.00	Rs. 4.00	Rs. 2.00
Subsidy for feed	Rs.20.00	Rs.10.00	Rs. 6.00	Rs. 4.00

During the Annual Plan 1991-92 the following Financial assistance is proposed.

DAIRY & LIVESTOCK

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
Share capital	3.00	1.50	0.80	0.70
Managerial Subsidy.	1.00	0.80	0.10	0.10
Subsidy for feed	3.00	2.50	0.30	0.20
Transport Subsidy	3.00	2.50	0.30	0.20
Total :-	<u>10.00</u>	<u>7.30</u>	<u>1.50</u>	<u>1.20</u>

Physical Target for organisation of Dairy & livestock Cooperative Societies are as follows :-

<u>DAIRY & LIVESTOCK</u>	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
	10	5	3	2

(5) HANDLOOM/WEAVING : Handloom development in Mizoram can be seen in our every day life. Weavers organise among themselves Cooperative Societies. We have Mizoram Apex Handloom and Handicraft Cooperative Ltd. at the Apex Level which procures raw-materials for the Primary Societies and also loom parts. It also buys the cloth produced by the Primary Coop.Societies. In order to encouraged Handloom Industry among the weavers it is intended to organise 15 Handloom Coop.Societies during the 8th plan. Provision is made for the apex Society and for the Primary Societies.

During 8th Plan projection of outlay is as follows :-

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhinctuipui</u>
Share Capital	Rs.10.00	Rs. 5.00	Rs.3.00	Rs.2.00
Managerial Subsidy	Rs. 2.50	Rs.1.00	Rs.0.90	Rs.0.60
Rebate @ 20%	Rs. 2.50	Rs.1.00	Rs.0.90	Rs.0.60
House rent	Rs. 5.00	Rs.3.00	Rs.1.50	Rs.0.50
Raw material	Rs.10.00	Rs.5.00	Rs.3.00	Rs.2.00
TOTAL :-	Rs.30.00	Rs.15.00	Rs.9.30	Rs.5.70

During the Annual Plan 1991-92 the following Financial Assistance is proposed :-

Handloom/Weaving

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhinctuipui</u>
Share Capital	2.00	0.75	0.15	0.10
Managerial Subsidy for MAHCO	0.50	-	-	-
Rebate MAHCO	0.50	-	-	-
House Rent MAHCO	1.00	-	-	-
Raw Material	2.00	0.75	0.15	0.10
TOTAL :-	6.00	1.50	0.30	0.20

Physical Target for organisation of Handloom Cooperative Societies are as follows :-

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhinctuipui</u>
Handloom & Weaving	3	1	1	1

(6) INDUSTRIAL COOPERATIVES : In Mizoram we do not have artisans like other states. However there are carpenters who are forming among themselves Cooperative Carpentry Workshop and there are ex-servicemen forming automobile workshop Cooperatives. It is necessary to provide working capital for maintenance of their workshops and for purchase of materials and tools. During the 8th Plan it is intended to organise 10 Industrial Cooperatives.

8th Plan projected outlay is as follows :-

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhinctuipui</u>
Share capital	25.00	10.00	8.00	7.00

During the Annual Plan 1991-92 the following Financial Assistance is proposed.

<u>Industrial</u>	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhinctuipui</u>
Share Capital	2.00	1.50	0.25	0.25
TOTAL :-	2.00	1.50	0.25	0.25

Physical Target for organisation of Industrial Coop. for the Annual Plan 1991-92 is as follows :-

<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
3	1	1	1

7. FISHERY COOPERATIVES : The Fishery Cooperative are organised among the owners of fish ponds. Organisation of such Cooperatives will be take up are a wise in order to facilitate coordinated development in regard to supply of seeds and Marketing of fish. In the absence of Ice blocks for preservation and transportation of fish from the Cooperatives to the Urban Markets, it is intended to establish Ice-Plant at suitable places during the eight Plan. In order to transport fish as well as where pond fish is available in plenty like Lokicherra, Borai Bilkhawthlir, Provision will be made for purchase of insulated/refrigerated vans. During the 8th Plan 5 Fishery Cooperative Societies will be organised.

8th Plan projection of outlay is as follows :-

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
Share capital	Rs.20.00	Rs.10.00	Rs. 8.00	Rs. 2.00
Improvement of pond	Rs.10.00	Rs. 5.00	Rs. 4.00	Rs. 1.00
Ice Plant/Refrigerated van	Rs.10.00	-	Rs.10.00	-
Total :-	Rs.40.00	Rs.15.00	Rs.22.00	Rs. 3.00

During the Annual Plan 1991-92 the following Financial Assistance is proposed :-

Fishery Cooperative

Share capital	2.00	1.50	0.20	0.30
Improvement of pond.	2.00	1.30	0.20	0.50
Total :-	4.00	2.80	0.40	0.80

Physical Target for organisation for the Annual Plan 1991-92 is as follows :-

<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimitupui</u>
1	1	1

(8) COOPERATIVE STORAGE : In the absence of proper storage & facilities in the rural areas Agricultural produce like Potatoes, Squash and other Vegetable, fruits cannot get remunerative prices. Therefore at suitable locations rural Godowns with a capacity of 50 M.T. will be constructed during the 8th Plan. It is intended to construct 7 Nos. of Rural Godowns during the 8th Plan.

During 8th Plan the projected outlay is as follows :-

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituirui</u>
Financial Assistance.	Rs.15.00	7.00	5.00	3.00

During the Annual Plan 1991-92 the following Financial Assistance is proposed for Aizawl District and Lunglei.

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituirui</u>
Storage	Rs.3.00	2.00	1.00	-

(9) COOPERATIVE FRUITS FORESTRY & VEGETABLES GROWERS :

There is a great potential for production of fruits and vegetables in Mizoram. Integrated Fruits and Vegetable Project formulated by National Cooperative Development Corporation is expected to be implemented in Mizoram for increasing production of fruits and vegetables and also their marketing through Cooperatives. Under this scheme it is intended to organise Primary Cooperatives Fruits and Vegetables Growers in all the potential areas in consultation with the Agriculture Department. Self-sufficiency in vegetables through Cooperative is one avowed objective of the State Govt. It is intended to have 674 Nos. of such Primary Societies during the 8th Plan. At present there are 50 such Cooperatives.

During 8th Plan the entire 724 villages are proposed to be covered under the project and thus Primary Societies are proposed to be organised in all the 724 villages.

contd....15/-

8th Plan projection of outlay is as follows :-

<u>Type of assistance</u>	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituirui</u>
Share capital	Rs.15.00	Rs.10.00	Rs.2.50	Rs.2.50

During the year 1991-92 the following Financial Assistance is proposed.

Cooperative Fruit, Vegetable, Forestry Coop.

Share capital	7.00	6.50	0.25	0.25
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(10) FRUIT PROCESSING & OIL EXTRACTION :

Mizoram has the potential for production and Processing of fruits and oil seeds like Sesamum and Mustard through Cooperatives. Production of sesamum and mustard seeds in Mizoram is approximately 2031 M.T. and 337 M.T. respectively. It is intended to establish oil extracting units at Aizawl, Serchhip and Lunglei. During the 8th Plan projection of outlay is as follows :-

(in lakhs)

<u>Type of assistance</u>	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituirui</u>
Share capital	Rs. 75.00	Rs.50.00	Rs.25.00	-
Transport subsidy	Rs. 25.00	Rs.16.00	Rs. 9.00	-
Total :-	Rs.100.00	Rs.66.00	Rs.34.00	-

During the Annual Plan 1991-92 the following financial assistance is proposed.

Processing & Oil Extracting.

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituirui</u>
Share capital	Rs.3.00	3.00	-	-
Transport subsidy	Rs.2.00	2.00	-	-
Total :-	Rs.5.00	5.00	-	-

5. AGRICULTURE CREDIT STABILISATION : All India Rural Credit Survey report suggested the establishment of Agricultural credit Stabilisation Funds with the Cooperative Credit Agencies, which is to be created in addition to other provision. Out-right grants from State Government has been recommended for utilisation in times of natural calamity in the agricultural operation. Under this condition an amount of Rs.2.00 lakhs is provided during the eight Plan, will be given to Apex Bank for its Agricultural Credit Stabilisation Fund during this eight Plan.

6. CONSUMER & MARKETING :

(i) MIZOFED : Mizoram State Marketing and Consumers Federation (MIZOFED) needs substantial financial assistance for its rehabilitation as the organisation is presently a sick one. In view of its inherited liabilities carried on since several years past and other extraneous circumstances beyond its control, MIZOFED has been constantly at negative profit margins. N.C.C.F. have studied the problem and recommended rehabilitation assistance of Rs.85.00 lakhs of which Rs.65.00 lakhs are to be given by the Central Government. For matching contribution of Rs.20.00 lakhs by the Mizoram, a provision is made in the 8th Plan proposal. Government of India has also been moved for making suitable provision of Rs.65.00 lakhs as their share of the contribution, for building up inventory for the projected sale of Rs.14.35 lakhs for a period of 5 years.

(ii) This state level body plays a pivotal role to supply essential commodities and also to market the agricultural produce. It also takes up sale of L.P.G.L. and distribution of domestic cooking gas. In order to assist the federation an amount of Rs.53.00 lakhs (in addition to Rehabilitation assistance of Rs.20.00 lakhs) has been proposed in the 8th Plan proposal towards the share capital, transport subsidy, managerial subsidy and House Rent subsidy.

During the Annual Plan 1991-92 the following financial assistance is proposed.

contd....17/-

(1) Share capital	-	Rs. 11.00
(2) Managerial subsidy	-	Rs. 3.00
(3) Marketing of Agril. produces	-	Rs. 7.00
(4) Improvement of IOL	-	Rs. 6.00
		<u>Total:- Rs. 17.00</u>

(2) DISTRICT MARKETING : There are three District Marketing Societies at Lunglei, at Saiha and at Aizawl. These Societies take up consumer business and they do well for controlling the price-line in the areas. For strengthening the working capital base of these societies Rs.20.00 lakhs is provided during the 8th Plan.

During the Annual Plan 1991-92 the following financial assistance is proposed for fostering the existing societies.

	<u>Total</u>	<u>Aizawl</u>	<u>Lunglei</u>	<u>Chhimituirui</u>
Share capital	Rs.1.00Lakhs	Rs.0.20	Rs.0.20	Rs.0.60
Transport subsidy for marketing of Agril.produces	<u>Rs.2.00</u>	<u>" Rs.0.20</u>	<u>Rs.0.80</u>	<u>Rs.1.00</u>
Total :-	<u>Rs.3.00</u>	<u>" Rs.0.40</u>	<u>Rs.1.00</u>	<u>Rs.1.60</u>

7. COOPERATIVE TRAINING & EDUCATION : Mizoram State Cooperative Union is mainly responsible for Cooperative Education and Training. It has own building at Bara Bazar, Aizawl. During the eight Plan it is intended to give facilities for converting it into a self-sustaining institution. In this direction, financial assistances had all along been provided for maintenance of the printing press during the 7th Plan. It was also given financial assistances for purchase of ruling machines and other printing materials for manufacture of school exercise books. The State Government allotted concessional paper to Cooperative Union to facilitate making of exercise books at low cost and sale them **at reasonable prices. Therefore during the 8th Plan it is given financial assistance for improvement of the press, procurement of papers, and establishment of book binding section with proportionate managerial assistance.**

Cooperative Union has purchased a plot of land measuring 5.40 bighas for construction of a Training Institute with an estimated cost of Rs.50.00 lakhs. Construction is proposed to be taken up during the 8th Plan for which necessary funds have been incorporated in the plan proposal.

During the Annual Plan 1991-92 the following financial assistance is proposed.

(1) Training	-	Rs. 1.00
(2) Education	-	Rs. 1.00
(3) Managerial	-	Rs. 3.00

Total:- Rs. 5.00

DRAFT EIGHT FIVE YEAR PLAN
 COMMISSIONARIAL OFFICE OF RURAL DEVELOPMENT

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INTRODUCTION : There are 20 Community Development Blocks covering the entire Mizoram whose area is 21,087 Sq.Kms. The Department of Rural Development at the state level executes its schemes and programmes for the upliftment of the Rural people through D.R.D.As and 20 Blocks. The activities in the Blocks are restricted to the most essential and pressing social Welfare needs that can be implemented through public participation and initiative without Technical hands.

During the Seventh Plan Period, Rs.400 lakhs has been allotted for implementation of the normal Rural Development Programme against which Rs. 634.471 lakhs had actually been utilised. With the introduction of new schemes like Rural Housing and New Land Use Policy (N.L.U.P.) in the last part of the Seventh Plan, the total expenditure during the Seventh Plan comes to Rs.1123.641 lakhs. The works during the Seventh Plan period were confined to 1. Construction/Completion of Community Hall and Playgrounds. 2. Construction/Maintenance of Rural Jeep Roads and Inter Village Paths. Construction of Culverts, Suspension Bridges. 3. Construction/Improvement of Public Urinal Sheds and Water tanks. 4. Construction of Block Buildings and 5. Maintenance of existing Development Blocks.

COMMUNITY DEVELOPMENT (NORMAL PLAN)

During the Seventh Plan Period, only 1 (one) post of Driver was created from the Normal Rural Development Programme. However, from the lag-end

of Seventh Plan, the N.L.U.P. which was hitherto implemented by seven Development Departments have been placed under Rural Development Department. As a result of this and with a view to effectively speed up the implementation of the programme the Rural Development Department has been up-graded from the Directorate level to the Commissioner level. A no. of posts from the Block level to the Commissioner level have been created. Since the existing clerical staff cannot cope with the increased volume of work due to implementation of N.L.U.P. it is proposed to further strengthen the Department during the Eight Plan Period. A token provision of Rs.19.72 lakhs is earmarked for this purpose during the Eight Plan.

BLOCK ADMINISTRATION : There are at present 20(twenty) Community Development Blocks with a weak administrative infrastructure covering the whole of Mizoram. The 20 (twenty) Development Blocks being under staffed cannot effectively manage the work load involved in implementing and execution of the various Rural Development Programmes. It is, therefore, proposed to strengthen the existing Blocks establishment during the eight plan period. A token provision of Rs.31.00 lakhs earmarked for this purpose.

SOCIAL EDUCATION : The diversified activities of the Department under this Programme are intended to be reduced and it is proposed to concentrate only on construction of Community Hall standardised to an Indoor Stadium from the initial year of eight five Year Plan.

The Construction of Community Hall will be based upon type Plan which is further based upon the number of households in the Villages. In this way,

villages with larger number of households will have bigger Community Halls. The type Plan thus proposed is type 'A' - Village having 500 - 1000 households i.e. Rs.10.00 lakhs. Type 'B' Village having 100-500 households @ Rs.4.00 lakhs and type 'C' Village with households below 100 but not less than 40 households @ Rs. 2 lakhs.

With a view to create a durable assets the Department envisage 1) to construct Community Hall-Cum-Indoor Stadium at Lunglei called Saikuti Hall. The estimated costs of which is Rs.145.23 lakhs. Rs.13 lakhs has already been reflected in the budget of 1990-91 ii) for Community Hall-Cum-Indoor Stadium at Kawnpui with an estimate of Rs.28.00 lakhs, and out of which Rs.1.00 lakhs is already approved for 1990-91 and iii) for Central Y.M.A. Hall at Aizawl Rs.27.00 lakhs is estimated, out of which Rs.4 lakhs is already reflected in 1990-91 budget IV) for Vanhnuailiana Run at Champhai Rs.75.00 lakhs is estimated for Completion of the building, out of which Rs.3.00 lakhs is approved during 1990-91.

Over and above these, there are altogether 260 Nos. of Community Hall scattered throughout Mizoram, which are at various stages of construction. An amount of Rs,21.00 lakhs is set aside for completion during 1990-95. The total outlay proposed under this Programme during Eight Plan Period is Rs.930.28 lakhs including the works which are to be taken up under capital Expenditures. The break-up of the item of works alongwith financial involvement are shown in the statement.

RURAL COMMUNICATION : Mizoram is situated in a very hilly terraine characterised by deep ravines and gor-

ges. Moreover the age old habit of constructing vil-
lages at hill tops by the Rural population makes it im-
perative to give Priority to the various communication
system for the all round development of Mizoram. The
Department, therefore, proposed an outlay of Rs.555.00
lakhs for the Construction/Improvement of Jeep roads/
Improvement of Inter-Village Paths, Suspension Bridges
and Culverts. The break-up of item of works along with
the financial involvements is reflected in the state-
ment IV appended.

The Physical and financial target for Rural
Communication during 1990-95 are shown below :-

Name of Scheme	Physical	Financial target (Rs.in lakhs)
1	2	3
<u>1. JEEP ROAD</u>		
a) Constn.of Jeep Road @ Rs.40,000/-	500 Kms	Rs. 200.00
b) Maintenance of Jeep Road @ Rs. 20,000/-	500 Kms	Rs. 100.00
<u>2. I.V. PATHS</u>		
a) Constn.@ Rs.4,000/-	500 Kms	Rs. 20.00
b) Maintenance @ Rs.1,500/-	333 Kms	Rs. 5.00
c) Constn.of Suspen- sion Bridge.	L.S.	Rs. 65.00
d) Constn.of Culverts	L.S.	Rs. 165.00
T O T A L :-		Rs. 555.00

HOUSING FOR PROJECT STAFF :- During the Seventh Five Year Plan Period, a sum of Rs.110 lakhs was approved for construction and repair of Block Buildings. Out of which, a sum of Rs.79 lakhs only was actually utilised for construction of 27 Nos. of Block Buildings.

Due to the increase of the strength of Staff as a result of upgradation of the Department during the Eight Plan, the Department proposes an Outlay of Rs. 300 lakhs for construction of Block residential Buildings and Offices.

RURAL HOUSING : This is a family oriented scheme initiated from the year 1988 - 89. The objective of this programme is to provide G.C.I. Sheets, free of cost to the rural families who are under poverty line. The scheme is meant to provide shelter by means of distributing roofing materials to the rural families. The total amount utilised under this scheme during the Seventh Plan Rs. 220 lakhs only. Under this scheme, a total of 5687 families have been covered.

During the Eight Five Year Plan, the outlay Proposed for the scheme is Rs. 350 only.

NEW LAND USE POLICY (N.L.U.P.)

1. 1 The Scheme on New Land Use Policy (N.L.U.P.) was started in 1984-85 under the State budget. After Government have fixed the target and the policy, each Development Departments executed their schemes under this name. At the same time the scheme covers the whole state of Mizoram by selecting few numbers from different villages.

From 1987 - 88 this scheme was discontinued and instead Control of Shifting Cultivation was taken up in compact area covering Aibawl Block only from 1987 - 88 under cent percent Central assistance. The project period is five years.

In the last year of the 7th Plan, i.e. in 1989 - 90, New Land Use Policy programme was taken up again by pooling family oriented schemes from different Development Departments and place the fund in Rural Development Department for implementation. The expenditure under different items is as under :-

a) Agriculture	Rs. 310.000lakhs
b) Vety & A.H.	Rs. 55.080 "
c) Soil Con.	Rs. 30.070 "
d) Industries	Rs. 15.750 "
e) Sericulture	Rs. 28.000 "
f) Forest	Rs. 52.100 "

TOTAL: Rs. 491.000 lakhs

1. 2 From the 8th Plan i.e. starting from 1990-91 the whole fund requirement for this programme is projected from Rural Development Department.

For implementation of the works, Planning Commission have approved Rs. 1200.00 lakhs for 1990-91. As desired by the Government of India, the scheme of New Land Use Policy is being implemented in the pattern of Aibawk Block, Control of Shifting Cultivation Programme. As such Government have decided that during 1990-91 the N.L.U.P. Programme will be started in the following 5 (five) Blocks,

1. West Phalleng Block
2. Reiek Block.
3. Thingsulthliah Block.
4. Lungsen Block.
5. Lunglar Block.

The beneficiaries have been identified and the distribution of different occupation is as under :-

1. Wet Rice Cultivation	=	1833 families
2. Horticulture	=	4613 families
3. Hill Cattle/Mithun	=	2460 families
4. Dairying	=	149 families
5. Piggery	=	4944 families
6. Goat rearing	=	607 families
7. Rabbit	=	7 families
8. Poultry	=	826 families
9. Duckery	=	6 families
10. Sheep	=	50 families
11. Carpentry	=	623 families
12. Blacksmithy	=	72 families
13. Tailoring	=	310 families

14. Handloom	=	96 families
15. Bakery	=	105 families
16. Hotelery	=	2 families
17. Canework	=	1 families
18. Coffee Plantation	=	56 families
19. Cardamom Plantation	=	10 families
20. Tea Plantation	=	490 families
21. Terracing	=	174 families
22. Sericulture	=	100 families
23. Pisciculture	=	322 families
24. Teak/Tung	=	930 families

TOTAL :- 18,787 families

1. 3 Over and above main occupations mentioned above, beneficiaries will take subsidiary occupation as mentioned below :-

Sl.No.	Main Occupation	Subsidiary Occupation
1.	W.R.C.	a) Vegetable scheme b) Piggery c) Poultry
2.	Horticulture	a) Vegetable scheme b) Piggery c) Poultry
3.	Hill Cattle/Mithun	a) Vegetable scheme
4.	Dairying	-
5.	Piggery	a) Vegetable scheme
6.	Goat rearing	a) Piggery
7.	Poultry	a) Vegetable

Sl.No	Main Occupation	Subsidiary Occupation
8.	Rabbit rearing	a) Vegetable b) Piggery
9.	Duck rearing	a) Vegetable b) Piggery
10.	Sheep rearing	a) Piggery
11.	Carpentry (B)	a) Vegetable b) Piggery c) Poultry
12.	B.Smithy (B)	a) Vegetable b) Piggery c) Poultry
13.	Tailoring	a) Vegetable b) Piggery
14.	Handloom	a) Vegetable b) Piggery
15.	Bakery	a) Vegetable b) Piggery
16.	Terracing	a) Vegetable c) Poultry
17.	Coffee Plantation	a) Vegetable c) Piggery
18.	Cardamon plantation	a) Vegetable b) Piggery c) Poultry
19.	Tea Plantation	a) Vegetable b) Piggery
20.	Sericulture	a) Vegetable b) Piggery
21.	Pisciculture	a) Vegetable b) Piggery
22.	Teak/Tung Plantation	a) Vegetable b) Piggery c) Poultry

1.4 Requirement of funds during 1990-91 in the following 4 (four) Blocks :- W. Phaileng, Reiek, Thingsulthliah and Lungsen :

Sl. No.	Occupation	No. of beneficiaries	Requirement during 1990-91	Amount in lakhs
1	2	3	4	5
1.	W.R.C.	1361	6,700.00	91.187
2.	Horticulture	4030	6,600.00	265.980
3.	Hill Cattle/Mithun	1671	2,450.00	40.940
4.	Dairying	118	8,000.00	94.400
5.	Piggery	476	9,800.00	340.648
6.	Goat	500	7,300.00	36.500
7.	Poultry	412	9,000.00	37.080
8.	Rabbit	5	10,000.00	0.500
9.	Duck	6	7,000.00	0.420
10.	Sheep	15	7,000.00	1.050
11.	Carpentry	518	10,600.00	54.908
12.	B.Smithy	46	9,500.00	4.370
13.	Tailoring	270	6,050.00	16.335
14.	Handloom	76	12,200.00	9.272
15.	Bakery	81	15,960.00	12.928
16.	Terracing	110	13,000.00	14.300
17.	Coffee	47	8,400.00	3.948
18.	Cardamon	2	4,700.00	0.094
19.	Tea	15	8,300.00	1.245
20.	Sericulture	86	5,800.00	4.988
21.	Pisciculture	377	12,000.00	38.040
22.	Teak/Tung	839	4,800.00	40.272
T O T A L : -		1,4001		1109.405

II (A) - 11 -

1. 5 Out of the 5 (five) Block selected, with the amount available at hand only 4 (four) Blocks mentioned above and Khawlailung Village from the fifth Lungdar 'E' Block can be covered.

Requirement of Khawlailung Village during 1990 - 1991.

SL.NO.	Occupation	No. of families.	Require- ment du- ring 1990-91	Amount Rs. in lakhs
1	2	3	4	5
1.	W.R.C.	37	6,700.00	2.479
2.	Horticulture	11	6,600.00	0.726
3.	Hill Cattle/Mithun	22	2,450.00	0.539
4.	Dairying	7	3,000.00	0.560
5.	Piggery	30	9,800.00	8.820
6.	Goat	5	7,300.00	0.365
7.	Poultry	30	9,000.00	2.700
8.	Rabbit	1	10,000.00	0.100
9.	Carpentry	4	10,600.00	0.424
10.	B.Smithy	1	9,500.00	0.095
11.	Bakery	2	15,960.00	0.319
12.	Coffee	1	8,400.00	0.084
13.	Tea Plantation	50	8,300.00	4.150
14.	Sericulture	9	5,800.00	0.522
T O T A L : -		270		21.883

1. 6 It is also proposed to take up 10 Km of Village path (Link Road) @ Rs. 40,000/- per K.m. and the total requirement will be Rs.4.00 lakhs.

1. 7 ABSTRACT OF THE REQUIREMENT DURING 1990-91

'A'	1. Agriculture	360.372
	2. Vety & Animal Husbandry	564.622
	3. Industries	98.651
	4. Soil & Water con.	23.821
	5. Sericulture	5.510
	6. Fishery	38.040
	7. Forest & Environment	40.272

T O T A L :- 1131.288 lakhs

'B'	Village path (Link Road)	4.000 lakhs
'C'	a) Salary and Wages	} 64.712 lakhs
	b) Office & Field Contingencies	
	c) Staff & Farmers Training	
	d) Purchase of Stores/ Equipments/Machineries	

TOTAL OF A B & C :- 1200.00 lakhs

PROPOSAL FOR 1991 - 1992

2. 1 The beneficiaries taken up during 1990-91 under N.L.U.P. Schemes from 4 (Four) Blocks including Khawlailung Village of Mungdar 'B' Block were 14271 families. These families are over less than half of their respective schemes. It is, therefore necessary that they should continued in 1991-92 otherwise the effort of 1990-91 will be meaningless.

2. 2 Procedures for implementation of the schemes during 1991 - 92.

a) AGRICULTURE : Under Agriculture, W.R.C. and Horticulture plantation of one hectare each was taken. During 1990-91 each beneficiaries were on their half ways and the scheme will be completed during 91-92.

b) ANIMAL HUSBANDRY & VEVEY. :- During 90-91 the beneficiaries have constructed the require sheds for rearing animals. However, it will not be possible to give all the required animals within one year. Therefore, it is proposed to give 50% of the required animals and 50% will take up their subsidiary occupations.

c) INDUSTRIES : Provision for construction of working sheds were given during 1990-91. During 1991-92 construction will be completed and necessary Tools and Machinerics will be supplied.

d) SOIL & WATER CONSERVATION : Under this Department perview the following schemes were taken- Terracing, Coffee Plantation, Cardamon Plantation and Tea Plantation. In terracing they will complete.

The scheme and the subsidiary occupation will be taken up in the third year. In Coffee Plantation they will complete the first hectare and starts again their second hectare.

e) SERICULTURE : They will complete their first hectare and start portion of their second hectare. The subsidiary occupation will be taken up from the third year.

f) FISHERIES : They will complete the scheme and will start subsidiary occupation.

g) FOREST AND ENVIRONMENT : They will complete their first hectare and start portion of the second hectares. Subsidiary occupation will be taken up from the third year.

2.3 Maintenance of 1990-1991 families during 1991-92 under main schemes.

Sl.No.	Occupation	No. of family	Requirement for 1991-92	Amount Rs. p
1.	W.R.C.	1398	7,500/-	104.850
2.	Horticulture	4041	2,700/-	109.107
3.	Hill Cattle/Mithun	1693	9,400/-	159.142
4.	Dairying (One)	125	11,000/-	13.750
5.	Piggery (3 nos)	3566	8,400/-	299.544
6.	Goat (13 nos)	505	8,500/-	42.925
7.	Poultry (85 nos)	442	7,750/-	34.255
8.	Rabbit	6	10,000/-	0.600
9.	Duck (85 nos)	6	6,500/-	0.390

...15/-

Sl. NO.	Occupation	No. of family	Requirement for 1991-92	Amount Rs. P
10.	Sheep (15 Nos)	15	9,600/-	1.440
11.	Carpentry	522	16,000/-	83.520
12.	B. Smithy	47	14,750/-	6.933
13.	Tailoring	270	11,250/-	30.375
14.	Handloom	76	8,300/-	6.3
15.	Bakery	83	4,000/-	3.320
16.	Terracing	110	6,000/-	6.600
17.	Coffee	48	9,700/-	4.656
18.	Cardamon	2	7,000/-	0.140
19.	Tea	65	10,000/-	6.500
20.	Sericulture	95	6,700/-	6.365
21.	Pisciculture	317	3,000/-	9.510
22.	Teak/Tung	839	6,500/-	54.535
T O T A L :-		14,771		984.765

2. 4 REQUIREMENT FOR 1991 - 1992 UNDER SUBSIDIARY
OCCUPATION FOR 1990 - 1991 FAMILIES

Sl. No.	Subsidiary Occupation	No. of family	Rate Rs. P.	Amount Rs. p.
1	2	3	4	5
1.	<u>W.R.C. (Main) :-</u> Piggery Unit	1398	4,900/-	68.502
2.	<u>Coffee/Cardamon (M) :</u> Vegetable	50	4,450/-	2.225

...16/-

II (A) - 18 -

1.	Agriculture	-	15,700 families	Rs.	4,626.000
2.	Animal Husbandry	-	16,485 -do-	Rs.	4,857.300
3.	Industries	-	2,750 -do-	Rs.	809.550
4.	Soil & Water Con.	-	1,570 -do-	Rs.	462.600
5.	Sericulture	-	200 -do-	Rs.	57.825
6.	Fisheries	-	190 -do-	Rs.	57.825
7.	Forest & Environment	-	2,355 -do-	Rs.	693.900
T O T A L :-					39,250 families Rs. 11,565.000

3. 3 Link Road 360 Km @ Rs.40,000.00 per Km. - Rs. 144.00

3. 4 Project Implementation.

a) Salary & Wages	}	- Rs. 291.000
b) Office and Field Contingencies		
c) Staff & Farmer's Training		
d) Purchase of Store, Equipments/ Machinery etc.		

GRAND TOTAL :- Rs.12,000.00

3. 5 Total Requirement for 8th Plan

a) 1990 - 1991	=	Rs. 1,200.000
b) 1991 - 1992	=	Rs. 2,470.000
c) 1992 - 1995	=	Rs. 12,000.000

T O T A L :- = Rs. 15,670.000 lakhs

DRAFT SEVENTH FIVE YEAR PLAN
COMMISSIONARIATE OF RURAL DEVELOPMENT

INTRODUCTION : There are 20 Community Development Blocks covering the entire Mizoram whose area is 21,087 Sq.Kms. The Department of Rural Development at the state level executes its schemes and programmes for the upliftment of the Rural people through D.R.D.As and 20 Blocks. The activities in the Blocks are restricted to the most essential and pressing Social Welfare needs that can be implemented through public participation and initiative without Technical hands.

During the Seventh Plan Period, Rs.400 lakhs has been allotted for implementation of the normal Rural Development Programme against which Rs. 634.471 lakhs had actually been utilised. With the introduction of new schemes like Rural Housing and New Land Use Policy (N.L.U.P.) in the last part of the Seventh Plan, the total expenditure during the Seventh Plan comes to Rs.1123.641 lakhs. The works during the Seventh Plan period were confined to 1. Construction/Completion of Community Hall and Playgrounds. 2. Construction/Maintenance of Rural Jeep Roads and Inter Village Paths. Construction of Culverts, Suspension Bridges. 3. Construction/Improvement of Public Urinal Sheds and Water tanks. 4. Construction of Block Buildings and 5. Maintenance of existing Development Blocks.

COMMUNITY DEVELOPMENT (NORMAL PLAN)

During the Seventh Plan Period, only 1 (one) post of Driver was created from the Normal Rural Development Programme. However, from the fag-end

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of Seventh Plan, the N.L.U.P. which was Hitherto implemented by Seven Development Departments have been placed under Rural Development Department. As a result of this and with a view to effectively speed up the implementation of the programme the Rural Development Department has been up-graded from the Directorate level to the Commissioner level. A no. of posts from the Block level to the Commissioneriat level have been created. Since the Existing clerical Staff cannot cope with the increased volume of work due to implementation of N.L.U.P. it is proposed to further strengthen the Department during the Eight Plan Period. A token provision of Rs.19.72 lakhs is earmarked for this purpose during the Eight Plan.

BLOCK ADMINISTRATION : There are at present 20(twenty) Community Development Blocks with a weak administrative infrastructure covering the whole of Mizoram. The 20 (twenty) Development Blocks being under staffed cannot effectively manage the work load involved in implementing and execution of the various Rural Development Programmes. It is, therefore, Proposed to strengthen the existing Blocks establishment during the eight plan period. A token provision of Rs.31.00 lakhs earmarked for this Purpose.

SOCIAL EDUCATION : The diversified activities of the Department under this Programme are intended to be reduced and it is proposed to concentrate only on construction of Community Hall standardised to an Indoor Stadium from the initial year of eight five Year Plan.

The Construction of Community Hall will be based upon type Plan which is further based upon the number of households in the Villages. In this way,

villages with larger number of households will have bigger Community Halls. The type Plan thus proposed is type 'A' - Village having 500 - 1000 households i.e. Rs.10.00 lakhs. Type 'B' Village having 100-500 households @ Rs.4.00 lakhs and type 'C' Village with households below 100 but not less than 40 households @ Rs. 2 lakhs.

With a view to create a durable assets the Department envisage 1) to construct Community Hall-Cum-Indoor Stadium at Lunglei called Saikuti Hall. The estimated costs of which is Rs.145.23 lakhs. Rs.13 lakhs has already been reflected in the budget of 1990-91 ii) for Community Hall-Cum-Indoor Stadium at Kawnpui with an estimate of Rs.28.00 lakhs, and out of which Rs.1.00 lakhs is already approved for 1990-91 and iii) for Central Y.M.A. Hall at Aizawl Rs.27.00 lakhs is estimated, out of which Rs.4 lakhs is already reflected in 1990-91 budget IV) for Vanhuuailiana Run at Champhai Rs.75.00 lakhs is estimated for Completion of the building, out of which Rs.3.00 lakhs is approved during 1990-91.

Over and above these, there are altogether 260 Nos. of Community Hall scattered throughout Mizoram, which are at various stages of construction. An amount of Rs,21.00 lakhs is set aside for completion during 1990-95. The total outlay proposed under this Programme during Eight Plan Period is Rs.930.28 lakhs including the works which are to be taken up under capital Expenditures. The break-up of the item of works alongwith financial involvement are shown in the statement.

RURAL COMMUNICATION : Mizoram is situated in a very hilly terraine characterised by deep ravines and gor-

NEW LAND USE POLICY (N.L.U.P.)

1. 1 The Scheme on New Land Use Policy (N.L.U.P.) was started in 1984-85 under the State budget. After Government have fixed the target and the policy, each Development Departments executed their schemes under this name. At the same time the scheme covers the whole state of Mizoram by selecting few numbers from different villages.

From 1987 - 88 this scheme was discontinued and instead Control of Shifting Cultivation was taken up in compact area covering Aibawk Block only from 1987 - 88 under cent percent Central assistance. The project period is five years.

In the last year of the 7th Plan, i.e. in 1989 - 90, New Land Use Policy programme was taken up again by pooling family oreinted schemes from different Development Departments and place the fund in Rural Development Department for implementation. The expenditure under different items is as under :-

a) Agriculture	Rs. 310.000lakhs
b) Vety & A.H.	Rs. 55.080 "
c) Soil Con.	Rs. 30.070 "
d) Industries	Rs. 15.750 "
e) Sericulture	Rs. 28.000 "
f) Forest	Rs. 52.100 "

TOTAL: Rs. 491.000 lakhs

1. 2 From the 8th Plan i.e. starting from 1990-91 the whole fund requirement for this programme is projected from Rural Development Department.

For implementation of the works, Planning Commission have approved Rs. 1200.00 lakhs for 1990-91. As desired by the Government of India, the scheme of New Land Use Policy is being implemented in the pattern of Aibawk Block, Control of Shifting Cultivation Programme. As such Government have decided that during 1990-91 the N.L.U.P. Programme will be started in the following 5 (five) Blocks,

1. West Phaileng Block.
2. Reiek Block.
3. Thingsuilhiah Block.
4. Lungsen Block.
5. Lungdar BE Block.

The beneficiaries have been identified and the distribution of different occupation is as under :-

1. Wet Rice Cultivation	=	1833 families
2. Horticulture	=	4613 families
3. Hill Cattle/Mithun	=	2460 families
4. Dairying	=	149 families
5. Piggery	=	4944 families
6. Goat rearing	=	607 families
7. Rabbit	=	7 families
8. Poultry	=	826 families
9. Duckery	=	6 families
10. Sheep	=	50 families
11. Carpentry	=	623 families
12. Blacksmithing	=	72 families
13. Tailoring	=	310 families

14. Handloom	=	96 families
15. Bakery	=	106 families
16. Hotelery	=	2 families
17. Canework	=	1 families
18. Coffee Plantation	=	56 families
19. Cardamon Plantation	=	10 families
20. Tea Plantation	=	490 families
21. Terracing	=	174 families
22. Sericulture	=	100 families
23. Pisciculture	=	322 families
24. Teak/Tunp	=	930 families

TOTAL :- 18,787 families

1. 3 Over and above main occupations mentioned above, beneficiaries will take subsidiary occupation as mentioned below :-

Sl.No.	Main Occupation	Subsidiary Occupation
1.	W.R.C.	a) Vegetable scheme b) Piggery c) Poultry
2.	Horticulture	a) Vegetable scheme b) Piggery c) Poultry
3.	Hill Cattle/Mithun	a) Vegetable scheme
4.	Dairying	-
5.	Piggery	a) Vegetable scheme
6.	Goat rearing	a) Piggery
7.	Poultry	a) Vegetable

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Sl.No	Main Occupation	Subsiliary Occupation
8.	Rabbit rearing	a) Vegetable b) Piggery
9.	Duck rearing	a) Vegetable b) Piggery
10.	Sheep rearing	a) Piggery
11.	Carpentry (B)	a) Vegetable b) Piggery c) Poultry
12.	B.Smithy (B)	a) Vegetable b) Piggery c) Poultry
13.	Tailoring	a) Vegetable b) Piggery
14.	Handloom	a) Vegetable b) Piggery
15.	Bakery	a) Vegetable b) Piggery
16.	Terracing	a) Vegetable c) Poultry
17.	Coffee Plantation	a) Vegetable c) Piggery
18.	Cardamon plantation	a) Vegetable b) Piggery c) Poultry
19.	Tea Plantation	a) Vegetable b) Piggery
20.	Sericulture	a) Vegetable b) Piggery
21.	Pisciculture	a) Vegetable b) Piggery
22.	Teak/Tung Plantation	a) Vegetable b) Piggery c) Poultry

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1. 4 Requirement of funds during 1990-91 in the following 4 (four) Blocks :- W. Phaileng, Reiek, Thingsulthliah and Lungsen :

Sl. No.	Occupation	No. of beneficiaries	Requirement during 1990-91	Amount in lakhs
1	2	3	4	5
1.	W.R.C.	1361	6,700.00	91.187
2.	Horticulture	4030	6,600.00	265.980
3.	Hill Cattle/Mithun	1671	2,450.00	40.940
4.	Dairying	118	8,000.00	94.400
5.	Piggery	3476	9,800.00	340.648
6.	Goat	500	7,300.00	36.500
7.	Poultry	412	9,000.00	37.080
8.	Rabbit	5	10,000.00	0.500
9.	Duck	6	7,000.00	0.420
10.	Sheep	15	7,000.00	1.050
11.	Carpentry	518	10,600.00	54.908
12.	B.Smithy	46	9,500.00	4.370
13.	Tailoring	270	6,050.00	16.335
14.	Handloom	76	12,200.00	9.272
15.	Bakery	81	15,960.00	12.928
16.	Terracing	110	13,000.00	14.300
17.	Coffee	47	8,400.00	3.948
18.	Cardamon	2	4,700.00	0.094
19.	Tea	15	8,300.00	1.245
20.	Sericulture	86	5,800.00	4.988
21.	Pisciculture	317	12,000.00	38.040
22.	Teak/Tung	839	4,800.00	40.272
T O T A L : -		1,4001		1109.405

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1. 5 Out of the 5 (five) Block selected, with the amount available at hand only 4 (four) Blocks mentioned above and Khawlailung Village from the fifth Lungdar 'E' Block can be covered.

Requirement of Khawlailung Village during 1990 - 1991.

SL.NO.	Occupation	No.of families.	Require-ment du-ring 1990-91	Amount Rs.in lakhs
1	2	3	4	5
1.	W.R.C.	37	6,700.00	2.479
2.	Horticulture	11	6,600.00	0.726
3.	Hill Cattle/Mithun	22	2,450.00	0.539
4.	Dairying	7	8,000.00	0.560
5.	Piggery	90	9,800.00	8.820
6.	Goat	5	7,300.00	0.365
7.	Poultry	30	9,000.00	2.700
8.	Rabbit	1	10,000.00	0.100
9.	Carpentry	4	10,600.00	0.424
10.	B.Smithy	1	9,500.00	0.095
11.	Bakery	2	15,960.00	0.319
12.	Coffee	1	3,400.00	0.084
13.	Tea Plantation	50	8,300.00	4.150
14.	Sericulture	9	5,800.00	0.522
T O T A L : -		270		21.883

The scheme and the subsidiary occupation will be taken up in the third year. In Coffee Plantation they will complete the first hectare and starts again their second hectare.

e) SERICULTURE : They will complete their first hectare and start portion of their second hectare. The subsidiary occupation will be taken up from the third year.

f) FISHERIES : They will complete the scheme and will start subsidiary occupation.

g) FOREST AND ENVIRONMENT : They will complete their first hectare and start portion of the second hectares. Subsidiary occupation will be taken up from the third year.

2.3 Maintenance of 1990-1991 families during 1991-92 under main schemes.

Sl.No.	Occupation	No.of family	Requirement for 1991-92	Amount Rs. p
1.	W.R.C.	1398	7,500/-	104.850
2.	Horticulture	4041	2,700/-	109.107
3.	Hill Cattle/Mithun	1693	9,400/-	159.142
4.	Dairying (One)	125	11,000/-	13.750
5.	Piggery (5 nos)	3566	8,400/-	299.544
6.	Goat (13 nos)	505	8,500/-	42.925
7.	Poultry (85 nos)	442	7,750/-	34.255
8.	Rabbit	6	10,000/-	0.600
9.	Duck (85 nos)	6	6,500/-	0.390

...15/-

SL.NO.	Occupation	No of Families	Requirement for 1991-92	Amount Rs. P
10.	Sheep (15 Nos)	15	9,600/-	1.440
11.	Carpentry	522	16,000/-	83.520
12.	B. Smithy	47	14,750/-	6.933
13.	Tailoring	270	11,250/-	30.375
14.	Hardloom	76	8,300/-	6.3
15.	Bakery	85	4,000/-	3.320
16.	Terracing	110	6,000/-	6.600
17.	Coffee	48	9,700/-	4.656
18.	Cardamon	2	7,000/-	0.140
19.	Tea	65	10,000/-	6.500
20.	Sericulture	95	6,700/-	6.365
21.	Pisciculture	317	3,000/-	9.510
22.	Teak/Tung	839	6,500/-	54.535
T O T A L :-		1271		984.765

2. 4 REQUIREMENT FOR 1991 - 1992 UNDER SUBSIDIARY
OCCUPATION FOR 1991 - 1991 FAMILIES

Sl. No.	Subsidiary Occupation	No. of family	Rate Rs. P.	Amount Rs. p.
1	2	3	4	5
1.	<u>W.R.C. (Main) :</u> Piggery Unit	1398	4,900/-	68.502
2.	<u>Coffee/Cardamon (M) :</u> Vegetable	50	4,450/-	2.225

...16/-

1	2	3	4	5
3.	<u>Terracing (M) :</u> Piggery Unit	110	4,900/-	5.390
4.	<u>Sericulture (M) :</u> Piggery Unit	5	4,900/-	4.655
5.	<u>Tea (M) :</u> Piggery Unit	65	4,900/-	3.185
6.	<u>Teak/Tung (M) :</u> Vegetable	839	4,450/-	41.111
7.	<u>Cottage Industry (M):</u> Vegetable	998	4,450/-	44.411
8.	<u>Pisciculture (M) :</u> Vegetable	317	4,450/-	14.107
T O T A L :-				183.586

2.5 During 1991 - 92, beside, maintaining 1990-91 families it is proposed to take up the following 4 (four) New Blocks. It is estimated that there will be 15,863 families in these four Blocks and the Departmental break-up of families, requirement of funds as per trades opted are as under :-

1.	Agriculture	-	5591 families	Rs.	371.733
2.	Animal Husbandry	-	7505 -do-	Rs.	549.905
3.	Industries	-	1011 -do-	Rs.	108.724
4.	Soil & Water Con.	-	849 -do-	Rs.	74.227
5.	Sericulture	-	55 -do-	Rs.	3.770
6.	Fisheries	-	63 -do-	Rs.	7.560
7.	Forest & Environment	-	779 -do-	Rs.	37.392
T O T A L :-					15,863
				Rs.	1153.311

2. 6 . Construction of Link Road to the Project sites
15 Km each per Block for 8 Blocks = 120 Km @ Rs.40,000/-
per Km Rs. 48,000

2. 7 Project Implementation.

a) Salary and Wages	}	Rs.99.298
b) Office and Field Contingencies		
c) Staff & Farmers Training		
d) Purchase of Stores/Equipments/ Machineries.		

TOTAL FOR N.L.U.P. during 1991-92 = Rs.2468.96

3. 1 REQUIREMENT FOR THE REMAINING 8TH PLAN I.E.

1992 - 1995

As per statistical Hand Book of Mizoram, 1987. There were 46,344 number of families in the 12 Blocks of Aizawl District and at present the total No. of families is estimated to be over 90,000 of which 71,350 families will be solely and partially depending on jhuming. During 1990-91 and 1991-92 the proposed coverage is 14,271 and 15,863 respectively. The remaining 39,250 families after deducting the families covered from other Schemes will be taken up during the remaining period of the 8th Plan by covering 3 or 4 Blocks annually.

3. 2 As per the approved Schemes for N.L.U.P. of different trades, the requirement of fund Departmental-wise for the remaining 8th Plan will be as under :-

...18/-

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1.	Agriculture	-	15,700 families	Rs.	4,626.000
2.	Animal Husbandry	-	16,485 -do-	Rs.	4,857.300
3.	Industries	-	2,750 -do-	Rs.	809.550
4.	Soil & Water Con.	-	1,570 -do-	Rs.	462.600
5.	Sericulture	-	200 -do-	Rs.	57.825
6.	Fisheries	-	190 -do-	Rs.	57.825
7.	Forest & Environment	-	2,355 -do-	Rs.	693.900
T O T A L :-					39,250 families Rs. 11,565.000

3. 3 Link Road 360 Km @ Rs.40,000.00 per Km. - Rs. 144.00

3. 4 Project Implementation.

a) Salary & Wages	}	- Rs. 291.000
b) Office and Field Contingencies		
c) Staff & Farmer's Training		
d) Purchase of Stone, Equipments/ Mechineries etc.		

GRAND TOTAL :- Rs.12,000.00

3. 5 Total Requirement for 8th Plan.

a) 1990 - 1991	=	Rs. 1,200.000
b) 1991 - 1992	=	Rs. 2,470.000
c) 1992 - 1995	=	Rs. 12,000.000

T O T A L :- = Rs. 15,670.000 lakhs

EIGHT FIVE YEAR PLAN 1990-95

STATE LEVEL MONITORING CELL
 NEHRU STATE MATCHING SHARE OF CENTRALLY SPONSORED SCHEMES
 IMPLEMENTED BY RURAL DEVELOPMENT DEPARTMENT
 SPECIAL PROGRAMME FOR RURAL DEVELOPMENT (SRDA)

State Level Monitoring Cell (SLMC & IAC)

As per the guideline of IRDP, at the head-
 quarter the State Level Monitoring Cell has been set up for
 collection of various progress reports under poverty alleviation
 programme implemented by Rural Development Department through the
 RDAs for submission to government of India after careful checking
 and compilation. Besides this, the Internal Audit Cell has also
 been created as part of the State Level Monitoring Cell. The pay
 and allowances etc. of the staff appointed under SLMC & IAC which
 are approved and sanctioned by government of India are to be shared
 on 50:50 basis between the Central and the State.

The posts which are approved and sanctioned by
 government of India are :-

Name of posts	Scale of Pay	No. of Posts
<u>SLMC</u>		
1. Project Director	Rs. 3700-5000/-	1
2. Statistical Officer	Rs. 2200-4000/-	1
3. A.P.O. (G.C)	Rs. 2200-4000/-	1
4. Accountant	Rs. 1640-2900/-	1
5. Steno Gr. III	Rs. 1400-2900/-	1
6. Peon	Rs. 800-1150/-	1
<u>IAC</u>		
1. Accounts Officer	Rs. 2200-4000/-	1
2. Accountant	Rs. 1640-2900/-	1
3. L.D.C.	Rs. 1200-2040/-	1
4. Peon	Rs. 800-1150/-	1
<u>TOTAL</u>		<u>10</u>

However, consequent on the introduction of the
 New Land Use Policy (NLUP) in Mizoram, the State Level Monitoring
 Cell headed by Project Director would be merged with the Comptroller
 In-charge of Rural Development Department. The SLMC will continue to
 do monitoring and evaluation of C.S.S. and also the NLUP schemes.
 Therefore the existing staff will not be able to cope with the
 enormous increase in volume of work loads out of all the NLUP
 schemes. Hence creation of additional posts are proposed during
 the 8th Five Year Plan of 1990-95.

<u>Name of Posts</u>	<u>No. of Post</u>	<u>Pay scale</u>
1. Deputy Director	1	Rs. 3000-4500/-
2. Statistician	2	Rs. 1640-2900/-
3. LDC Cum Typist	1	Rs. 1200-2040/-
4. Peon	1	Rs. 800-1150/-

The above posts are approved for creation during the Annual Plan of 1990-91. Sufficient fund is also provided in the budget.

Thus Rs. 22.50 lakhs is proposed for the State Matching Share under SLMC & IAC during the 8th Five Year Plan. (In case the posts which are created during 6th & 7th Plan are committed under Non-Plan during 8th Plan, the fund required for pay and allowances for the sanctioned posts may be reduced under plan).

2. Subsidy to DRDAs (IRDP)

The fund allocated for subsidy under this scheme is also to be shared by the central and the state equally on 50:50 basis. Although the allocation/Target of fund for the eight five years plan for subsidy is not yet fixed by govt. of India, Rs. 550.00 lakhs is however proposed for State Matching Share during the eight plan. During the past Seventh Five Year Plan the total expenditure under subsidy to DRDAs was Rs. 1080/- lakhs, and 50% of which is Rs. 540/- lakhs. The high rate of expenditure during the Seventh Plan under subsidy to DRDAs was due to the fact that additional fund received during the year 1986-87 as a result of the visit of Prime Minister of India to Mizoram.

The propose amount for subsidy to DRDA during the eight plan, the amount of which is Rs. 550.00 lakhs is meant for Rs. 110.00 lakhs per year. In view of the allocation made by Govt. of India in the past for subsidy to DRDAs, the proposed amount of Rs. 550.00 lakhs for the 8th plan of 1990-95 as State Matching Share seem to be reasonable.

The salary of Officers and staff including all other administrative charges and also the stipends and the cost of toolkits for TRYSEM trainees are to be met within the fund allocated for subsidy to DRDAs.

3. Block Level Administration :

As in the case of the State Level Monitoring Cell, the pay and allowances etc. for the approved posts in the blocks are also to be shared on 50:50 basis between the central and the State. As a rule, the pay and allowances of those posts which were created during the past five year plan are to be committed under non-plan fund in the next five year plan. In case, this is not possible, the expenditure for pay and allowances in respect of State and block level staff are to be shared by Central and the

State on 50:50 basis, provision for this, is therefore provided both for the State level and the block level staff. Rs.140.00 lakhs is proposed for the block level administration during the eight five year plan which is at the rate of Rs.28.00 lakhs per year.

4. Development of Women in Rural Areas (DWRA) (Allied Programme of IRDP) :

This is a sub-scheme of IRDP differing from other Centrally Sponsored schemes. The fund required for income generative activities/child care facilities is to be shared equally by Govt. of India, State Govt. and the UNICEF. Travelling allowances to group Organisers to be funded by the Govt. of India and the State Govt. on 50:50 basis. Hence, Rs.30.00 lakhs is proposed for income generative activities and child care facilities as the State Matching Share during eight five year plan.

It may be noted in this connection that unlike other programmes under CSS the pay and allowances of Officers and staff under DWRA is to be borne entirely by UNICEF. Therefore, it is not necessary to provide separate fund for pay and allowances under DWRA.

5. TRYSEM Infrastructure : TRYSEM is a sub-scheme/programme under IRDP. Under this scheme, rural youths are trained mostly in private institutions. Stipend etc. are given to the trainees by meeting the expenditure from within the fund allocated for subsidy to DRDAs. In order to strengthen such private training institutions assistance in the form of grants are given to those deserving training institutions. The fund for assistance to training centres are also to be shared by the Central and the State on 50:50 basis. Thus Rs.12.50 lakhs is proposed for TRYSEM Infra. assistance during the eight five year plan as State Matching Share.

RURAL EMPLOYMENT NATIONAL PROGRAMME NREP/JAWAHAR ROZGAR YOJANA (JRY) :

Govt. of India have launched new rural employment programme known as 'Jawahar Rozgar Yojana' by merging NREP and RLEGP from the year 1989-90. As per guideline for the programme, the expenditure on implementation of the programme is to be shared on 80:20 basis between the Central and the State. The programme envisage that not less than 80% of the allocation made to the DRDAs may be distributed to the Village Councils on the basis of population. During the Annual Plan 1990-91 Rs.42.00 lakhs is provided for State Matching Share. The total allocation under this programme during 1990-91 is Rs.199.85 lakhs out of this, the State Share would be Rs.39.97 lakhs only.

Although the fund allocation for the eight plan is not known from the Government of India, Rs.250.00 lakhs is proposed for the State Matching Share under this programme for the 8th Five Year Plan.

I. Outlay and Expenditure During the Seventh Plan (State Share)

(Rs. in lakhs)

Code No.	Major Head/Minor Head of Development	1989-90			Total Seventh Plan			
		Approved Outlay (State Share)	Budgetted Outlay (R.E.) (State Share)	Expenditure (State Share)	Approved Annual Plan Outlay (original)	Budgetted Outlay (R.E.)	Expenditure	
1	2	3	4	5	6	7	8	
<u>RURAL DEVELOPMENT</u>								
2501	00 Spl. Programme for Rural Development Deptt.							
	01 I.R.D.P.							
	100 (1) Main Programme							
	001 Direction SLMC & IAC	4.50	4.50	4.18	NIL	7.00	6.68	The fig
	101 Subsidy to DRDAs	97.10	97.90	97.80	NIL	186.80	186.80	are for
	200 (1) Allied Programme of IRDP							last two
	201 Administration Block Level	6.80	26.50	25.00	NIL	32.16	47.94	Seventh
	202 DWCRA	4.60	5.10	4.60	NIL	8.93	8.33	Years i.
	203 TRYSEM Infrastructure	2.00	2.10	2.06	NIL	3.78	3.78	1988-89
	Total for Spl. Programme under							1989-90
								under S
<u>05 00 RURAL EMPLOYMENT</u>								
	01 National Programme NREP/JRY	35.00	37.46	37.48	NIL	59.46	58.48	
	Total of State Matching Share under C.S.S.	150.00	173.47	171.12	NIL	297.13	311.91	

A B. : Prior to 1988-89 all the expenditures under C.S.S. on the above programmes/schemes were met by the Central on cent per cent basis. However, from the year 1988-89, the pattern of sharing between the Central and the State in respect of IRDP and Employment Programme of JRY is 50:50 and 80:20 basis respectively.

DRAFT EIGHT-FIVE-YEAR-PLAN-1990-95.

Name of Deptt. LAND REFORMS.
 Proposed outlay
 for 1990-95. Rs. 270.00 lakhs.

A. INTRODUCTION : Mizoram has an area of 21,087.00 Sq.Km with a population of 4,93,757 according to 1981 census. The land is mountainous hilly and rugged and the hill ranges of Mizoram are in sharp contrast with the major mountain ranges of the country. The area of flat lands would approximately be 630.00 Sq.Km. Due to the distinctive geographical features and paucity of population compared with other parts of the country, there is no acute land-problem in Mizoram.

B. OBJECTIVES :
 The most crucial problem of Mizoram is the existing practice of shifting cultivation (Jhumming) as more than 75% of the population depend on agriculture. One of the objectives of the land reforms in Mizoram is to wean the people away from the destructive practice of shifting jhum cultivation to a more permanent type of cultivation by conferring them with statutory rights over the lands. For this purpose it is required to conduct Survey-Settlement Operation or comprehensive Cadastral Survey for the whole Mizoram. To create accurate land Records of Mizoram for the purpose of land-based development plans for rural areas as well as urban areas is the urgent need of the State.

The fund allocation under Land Reforms by Planning Commission during the last five year plans are as under :-

(i) 5th Five Year Plan.	Rs. 8.17 lakhs.
(ii) 6th Five Year Plan	Rs. 33.50 lakhs.
(iii) 7th Five Year Plan	<u>Rs. 112.00 lakhs.</u>

TOTAL : Rs. 153.67 lakhs.

During the 8th Five Year Plan the following Schemes are proposed to be taken up under Land Reforms with total outlay of Rs. 270.00 lakhs.

Code No.	Name of Scheme/Project
102250600.	LAND REFORMS,
001 -	DIRECTION & ADMINISTRATION.
012-	STATISTIC & EVALUATION.
101-	REGULATION OF LAND HOLDING & TENANCM
102-	CONSOLIDATION OF HOLDINGS.
103-	MAINTENANCE OF LAND RECORDS--(Cadastral Survey)
104-	ASSISTANCE TO ALLOTTEES OF SURPLUS LAND.
800-	OTHE EXPENDITURE. (Survey Training & House site plan.).

C. ITEM - WISE DESCRIPTION OF SCHEME :

I. DIRECTION & ADMINISTRATION :

(001) (i) (a) Construction of Office Buildings for Directorate :- Having no building of its own the Directorate of Land Revenue and Settlement is accomodated in **private** building on hire basis incurring a huge amount of money ~~say~~ Rs. 3.5 lakhs as **rent** per annum. Land for the construction of office building is available and it is urgently necessary and essential to construct office building for Directorate of Land Revenue and Settlement for which a sum of Rs. 45.00 lakhs has been provided.

(i) (b) Construction of Office/Staff quarters for District/Sub-Division level functioneries.

As in the case of Directorate of Land Revenue & Settlement, the District Revenue Offices are being accomodated in private buildings incurring heavy expenditure for hiring of accommodation. Besides there is acute problems for the Revenue staff regarding residential accommodation. It is, therefore, proposed to contract 2 (two) Office buildings for the District Revenue Offices and 7 (seven) Quarters for the staff during the Eight Five Year Plan for which a sum of Rs. 15.00 lakhs is provided.

(ii) Purchase of Machinery & Equipment for Drawing & Printing.

In order to ensure improvement in **quality**, speed and quantity of technical work it is required to **equip** the Department with modern Drawing and Printing Instruments. Some of the Instruments/materials required to be procured are indicated as under and for which necessary fund has been provided.

- | | |
|------------------------------|-----------------------------|
| 1) Optical Pantograph. | 7) Copier. |
| 2) Planimeter. | 8) Diazo Printer. |
| 3) Drawing Instruments Sets. | 9) Blue Printing Machine. |
| 4) Drafting Machine. | 10) Printing Materials. |
| 5) Drawing Paper/Pens. | 11) Generator for Printing. |
| 6) Tracing Table/Paper/Film. | 12) Drawing Cabinets. |

(iii) Purchase of Vehicles for replacement of Unserviceable Vehicles.

The main work of the Department involves field operation at various pocket of interior areas in rural sector. In order to conduct close supervision and inspection by Officers from Directorate/District/Sub-Divisional level it is essential to provide the Officers with vehicles. As the existing vehicles are very old and unserviceable it is necessary to purchase new vehicles for which fund is provided.

(iv) Rent.

Until such time the Department is able to construct buildings of its own for Office accommodation there is no other alternatives but to occupy private buildings on hire basis for office accommodations for which necessary fund is provided.

(v) Strengthening of Revenue Administration :-

As various development works are taking place and the population of Mizoram has increased the work of Revenue Department has also increased enormously. It is almost impossible for the existing strength of staff in the Department to cope with the ever-increasing volume of work. As such it is inevitable to strengthen the Revenue Administration at various levels in order to fulfill the aspiration of the people and the requirement of the development Departments.

II. STATISTICS AND EVALUATION :

(012) (i) Unlike other states Mizoram has no village and Circle level functionary and in absence of such field level functionary the Deptt. is facing a lot of problems with regard to collection, Compilation and analysis land statistics and land information which are required for legal, fiscal and planning of rural sector. The absence of village level functionary created much problems in the allotment of land and updating of land records and collection of land revenue. It is therefore proposed to set up a new STATISTIC AND EVALUATION CELL headed by Deputy Director of Land Records at state level and Superintendent of Land Records at District level with supporting technical and Ministerial staff at Circle (Block) and village level. It proposed 160 village Assistants and 16 Revenue Inspectors to be created for village and Circle level functionaries during the 8th Five Year Plan for which necessary fund is provided.

(ii) Printing of Maps :

The final stage of Survey and Settlement Operation or Map making is Printing. Due to absence of Map Printing ~~in~~ Mizoram the Department has to depend on the neighbouring states on payment of fees. Necessary fund for Printing of Cadastral Maps & Periodical is provided.

III. SURVEY-TRAINING (Other Expenditure).

(800) (i) (a) There is acute shortage of technical man power in the Department to take up Survey and Settlement Operation. As such, it is not possible to conduct Survey and Settlement Operation in a large scale. It is, therefore, essential to impart training to the in-service personnel on Survey and Drawing etc. of Long term/short term courses on deputation and providing pre-service training to the local youths on payment of stipends and book grants from Survey Training Institute at Hyderabad under Survey of India or other State Survey Training Schools, Necessary fund for course/tuition fees/charges is provided.

(i) (b) REFRESHER TRAINING :

A refresher training for two weeks or so is proposed to be conducted under Directorate of Land Revenue and Settlement, Aizawl on Survey-settlement, Drawing and maintenance of Land Records for the Departmental Officers and Staff as well as personnel from the three District Councils and for extra-Departmental candidates. The works will involve training at Field and Office. It is proposed to train up at least 50 in-service personnel per year. Hence, necessary fund provided for the scheme.

(ii) HOUSE SITE PLANNING FOR LAND LESS FAMILIES

It is proposed to allot House-sites to the landless people at least 15,000 families during the 8th Five Year Plan. In order to enable the Government to allot land to the landless families it is necessary to undertake proper survey of the land, making alignment for road-structures to prevent hazardous growth of the village/town, to prepare proper lay-out plan etc. clearance of jungle growth/bigha for which necessary fund is provided.

IV MAINTENANCE OF LAND RECORDS (CADASTRAL SURVEY) :

Mizoram is one the ~~all~~ land records states in India and maintenance of land records is yet to be introduced. Survey Settlement Operations in large scale have been conducted only in quite a few areas. We have to conduct survey of lands, prepare village and district etc. maps, conduct Survey-Settlement Operations for categoriestion of land and create a complete set of Land Records to facilitate implementation of land reforms measu- res and various rural development programmes. In order to create basic land records and land statistics accurately it is impete- tive to conduct a scientific method of Survey i.e. CADASTRAL SURVEY for systematic maintenance, storage and retrieval with regular up-dating of land records.

(i) CADASTRAL SURVEY :

In the early part of the 7th Five Year Plan the cadas- tral Survey was carried out with the technical assistance of Survey of India and since 1986-87 the Department had carried out the work independently and the area covering 2,208.00 hecta- res was already cadastrally surveyed by the end of 1988-89.

(ii) LONG TERM SCHEME :

The Scheme envisages for carrying out village-wise large scale Cadastral Survey giving priority to those areas which are highly potential in Wet Rice Cultivation. During the 8th Five Year Plan it is proposed to cover 10,000 hectares.

(b) SHORT TERM SCHEME :

The scheme envisages for carrying out of Short Term Scheme by piecemeal survey of individual land holdings located at various pockets. During the 8th Five Year Plan it is pro- posed to cover 5,000 hectares.

(c) BOUNDARY SURVEY :

Boundary dispute at Inter-State/District/Sub-Divisio- nal village level is one of the problems being faced by the Sta- te Government. It is, therefore, proposed to conduct boundary verifications and demarcations on the ground and for the comple- mentation of this important task it is necessary to create a new BOUNDARY CELL headed by Deputy Director of Survey with supporting staff for which necessary provision is required to be made.

II (B) (5)

(d) Various kinds of Survey involves use of different kinds of Survey Instruments to obtain accurate results. It is therefore proposed to purchase to purchase precision Instrument, viz-E.D.M. Machines, Tehodolite and other Instruments like Tach-eometers, Planetables, Automatic level, Abney's level, Prismatic compass, Scientific Calculator, Binocular, Survey umbrella, Measuring Tape, Survey Tents, Haver sack etc.

(e) EMPLOYMENT OF CASUAL LABOURS :

During the conduct of survey Operation the service of casual labourers is during the conduct of Survey required to clear survey lines and also to carry survey Instruments at fields/jungles and necessary fund is provided for engagement of such casual labourers.

(f) BUILDING SURVEY STATION/MARKS :

The control points fixed by Triangulation and Traverse survey required pucca structures with cement works for permanent maintenance for future survey etc. purposes. It is also the responsibilities of the Department to erect survey marks along the town roads to prevent encroachment from private parties here and there. It is proposed to construct Survey Station Marks of 3,000 Nos. during 8th Five Year Plan- Hence, the proposal.

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DRAFT 8TH FIVE YEAR PLAN-MEDIUM IRRIGATION

INTRODUCTION:

In Mizoram, shifting cultivation is the only method practiced for harvesting foodstuff which is far from self-sufficient. This method causes deforestations and erosion of soil in the hilly regions at a fast pace causing great loss to the forest products.

To explore available potential for wet rice cultivation is a must towards economy. In hilly regions like Mizoram, rivers flow much below available/suitable areas of cultivation necessitating in the construction of dams, high weirs, etc. so as to feed more areas. Wet rice cultivation will not only increase food production, but will also eradicate the practice of shifting cultivation.

The scope of Medium Irrigation in Mizoram as compared to other states is very limited due to the hilly nature of the state. Most of the existing few schemes comes under Medium Irrigation project. As such, the few available prospects have to be explored thoroughly as majority of the population depends on agricultural products for their livelihood. Mat valley located near Serchhip chamdur valley in the southern part of the state, Tiau valley in the eastern part and a few others in the border areas of Cachar are the only likely areas which may come under Medium Irrigation Project. Among the likely areas mentioned above, Mat Valley was surveyed and investigated during the 7th Five Year Plan. The investigation work was entrusted to the C.W.C. and a detailed report is being awaited from them. The investigation work on Mat Valley is done for a Multipurpose Project, i.e. for Irrigation, Micro Hydel and Water Supply Schemes.

During the 7th Five year Plan, the total allocation under Medium Irrigation was Rs. 50.00 lakhs and the cumulative expenditure upto March, 1990 was Rs. 74.48 lakhs. The investigation work at Mat valley has been completed upto 80% and the remaining 20% shall be completed within 1990-91

The Mat Valley Project will comprise, of Mini Hydel development of about 500Kw and Irrigation works of about 800 hec. of Gross command area. The cost of the project may be roughly assessed at the rate of Rs. 80,000.00-Rs. 1.00 lakhs per Kw for power development. This includes power House, etc., and thus, the total cost for the power component will roughly come to Rs. 5.00 crores.

For the Irrigation Component, the cost may be assessed at the rate of Rs. 30,000.00 to Rs.40,000.00 per hectare. The total cost for irrigation component including Irrigation channel, drainage system, storage, distribution system, approach road and other miscellaneous expenditure may be roughly assessed at Rs. 50.00 hectares

Another Rs. 2.00 crores may be projected for command area Development.

Thus, the total cost of the whole project comes to Rs.12.00 crores. Out of this, Rs.0.70 crore is projected during the 8th Plan. The actual works, after all the necessary clearances may be expected to start from the second year of the 8th Plan.

A. DIRECTION AND ADMINISTRATION:

No provision is made during the 8th Plan

B. MACHINERIES AND EQUIPMENTS:

Rs. 40.00 lakhs is provided for the purchase of essential machineries and equipments. However, the exact requirement of such machineries can only be ascertained after the detailed investigation report is received from the C.W.C.

C. SURVEY AND INVESTIGATION:

Apart from Mat Valley, other areas worth developing for the purpose of Medium Irrigation, such as Chandur Valley, Tiau Valley and a few other in the border areas of Cachar will be surveyed during the 8th Plan. For this Purpose, Rs. 50.00 lakhs is proposed.

DEPARTMENT OF AGRICULTURE
MINOR IRRIGATION

I N T R O D U C T I O N

Mizoram is a hilly state in the North Eastern part of India laying between $20^{\circ}20'$ and $24^{\circ}27'$ N. Latitudes, and $92^{\circ}20'$ and $90^{\circ}29'$ E. Longitudes. The altitude ranges from 21m above MSL in the river valleys to 2,157m above MSL in the hills, and the mean annual rainfall is 2,640mm. The total geographical area of Mizoram is 21,087 sq. Km of which the available flat land for paddy cultivation and other seasonal crops, and the area having moderate slope suitable for horticulture crops are estimated at 63,000 Ha. and 4,46,000 Ha. respectively.

P R E S E N T P O S I T I O N

The ultimate surface irrigation potential in Mizoram is estimated at 70,000 Ha. of which 45,000 Ha. is under flow irrigation and 25,000 Ha. for river lift irrigation, and the ground water potential is yet to be assessed, which is now under survey and investigation. The irrigation potential created till end of 6th Five Year Plan was 3,200 Ha. and additional 3,059 Ha. of irrigation potential is expected to be created during the 7th Five Year Plan.

The scheme taken up under Minor Irrigation development during the seventh Five Year Plan may be broadly classified into two i.e (1) Minor Irrigation Schemes taken up on Project basis covering compact valley lands to benefit a considerably large number of cultivators under a single scheme, which is operated by two Irrigation Divisions under Agriculture Department. (2) Minor Irrigation Schemes to cover small areas of vegetable gardens around main consumption centres like Aizawl, Lunglei, Saiha, Kolasib, Champhai and Lawngllai and these schemes are executed by the District Agriculture Officers.

Under the former schemes works on construction of R.C.C diversion weir - or Installation of Diesel Engine pump-sets and construction of brick or cement concrete lined channels are taken up whereas in the later, construction of small R.C.C water tanks for storage of water and supply of polyethylene pipes for collection of water from perennial hill streams are taken up.

STRATEGY FOR 8TH FIVE YEAR PLAN

As stated above, out of the estimated total irrigation potential 70,000 Ha. in the state, it is anticipated to create only 6,259 Ha. of Surface Irrigation Potential by the end of the 7th Five Year Plan leaving a balance of 63,650 Ha.

During the 8th Five Year Plan it is expected to speed up the works on development of Minor Irrigation potential with expansion of both the infrastructure and field activities. By the end of the 8th Five Year Plan, it is targetted to create additional 3,735 Ha. of Irrigation Potential through Minor Irrigation Schemes and 500 hectares from Groundwater Development Schemes.

The scopes and nature of schemes proposed to be taken under Minor Irrigation Scheme during the 8th Five Year Plan may be briefly out lined as follows :-

- 1) River diversion/Flow Irrigation Schemes for low lying flat lands where perennial rivers/streams can be tapped by gravitational flow.
- 2) River Lift Irrigation Schemes for low lying flat lands or terraces where perennial rivers/streams can not be tapped by gravitational flow.
- 3) Construction of small water tanks for vegetable gardens in and around major towns like Mizawl, Lunglei, Sail Kolasib, Champhai, Serchhip etc.
- 4) Installation of Sprinkler and drip Irrigation system for row vegetables and horticulture crops.
- 5) Command area/Ayacut Development Schemes for completed project and project at the stage of completion to narrow down gap between irrigation potential created and utilised.
- 6) Ground water Development in the low lying areas particularly bordering Cachar District of Assam and Tripura State.

MINOR IRRIGATION PROJECTS IN AGRICULTURE DEPARTMENT

A. LIST OF MINOR IRRIGATION PROJECT COMPLETED BEFORE 1989-90

<u>Sl No</u>	<u>Name of Project</u>	<u>Area to be benefitted</u>
1.	Saitluk Minor Irrigation Project Tut Valley	21 Ha.
2.	Buhchangphai Lift Irrigation Project	75 Ha.
3.	Lungzawnzau Minor Irrigation Project	45 Ha.
4.	Thingdawl Lift Irrigation Project	20 Ha.
5.	Tuilum Minor Irrigation Project	12 Ha.
6.	Chhawrtui Minor Irrigation Project	15 Ha.
7.	Chite Lift Irrigation Project, Vairengte	24 Ha.
8.	Dilzawl Minor Irrigation Project, Saithoh	21 Ha.
9.	Khawzawl Minor Irrigation Project, Bil- khawthlir	45 Ha.
10.	Thuhruk Minor Irrigation Project, Serchhip	30 Ha.
11.	Fhaizawl Lift Irrigation Project, Tiau Valley	40 Ha.
12.	Vawngzawl Minor Irrigation Project, Lunglei	10 Ha.
13.	Thaizawl Minor Irrigation Project, Thaizawl	10 Ha.
14.	Bualte Minor Irrigation Project, Bualte	10 Ha.
15.	Tuitlawk Minor Irrigation Project, Saiha	10 Ha.
16.	Rotlang Minor Irrigation Project, Rotlang	10 Ha.
17.	Thenzawl Lift Irrigation Project, Thenzawl	15 Ha.
TOTAL		413 Ha.

B. IRRIGATION WORKS TO BE COMPLETED DURING 1990-91

Sl No	Name of the area Project & Location	Area to be irrigated 1990-1991	Anticipated date when irrigation facility will be available	REMARKS
1	2	3	4	5
1.	Tuithil M.I Project Ngopa 55-hect. SDAO Champhai	55 Ha.	1st week of July 1990	The irrigation system for the right bank will be completed during June, 1990
2.	Lumtui and a part of Zawlpui WRC area 120 Ha. under Lumtui MI Project Mat Valley, Serchhip, SDAO Serchhip	120 Ha.	2nd week of May 1990	Works on the distribution system to cover the whole area i.e 250 Ha. of Lumtui and Zawlpui W.R.C area is anticipated to be completed by June, 1991
3.	Munkhang I.R.C area 15 Ha. under Khuallui MI Project Tiau Valley Sesih, SDAO Champhai	15 Ha.	End of March 1991	Works on construction of distribution line to Pagarahai, Tlakal, Tuikhai, zaiphai and Aithur area will spill over to 1991-92.
4.	Sihmit and Kawihruai WRC area 50 Ha. under Sihmit MI Project, Tiau Valley Leisen Buhtekzawl SDAO Champhai.	50 Ha.	End of March 1991	Works on construction of canal to Phaizau WRC area will spill over to 1991-92
5.	Phaidungzau area 60 Ha under Lailiphai MI Project Tiau Valley Hnahlan, SDAO, Champhai	60 Ha.	1st week of June 1990	Works on construction of distribution system to cover the whole area i.e 150 Ha will spill over to 1991-1992 anticipated to be completed before July, 1991.
6.	Saikhumphai, WRC area 50 hec. approx. under Saikhumphai Lift Irrigation Project, Tiau Valley, Vaphai SDAO Champhai	50 Ha.	End of January 1991	Works on construction of distribution system to cover the whole area i.e 175 Ha will spill over to 1991-1992

1	2	3	4	5
7.	Farkar WRC-70 hect. under zotui MI Project Tiau Valley, Hnahlan S.D.A.O Champhai	70 Ha.	End of March 1991	Works on construc- tion of distribution canal lines to Tiau phai WRC area to command the whole area of 120 hecets. will spill over to 1991-92.
8.	Thingdilzau MI Project Chemphai, Bilkhawthlir 80 Ha. SDAO Bilkhawthlir	80 Ha.	1st week of July'90	Project will be completed.
9.	Sunhluzawl MI Project 39 Ha. Telrei Valley (W. Phaileng SDAO Mamit)	39 Ha.	1st week of June	Project will be completed
10.	Hersezawl M.I Project Saithah/Lalen SDAO- Mamit		2nd week of April 1990	Project will be completed
11.	Bualpui M.I Project for Vegetable gardens, Bual- pui (NG)-14 Ha. DAO(S)	14 Ha.	3rd week of April 1990	The whole project will be completed by this time
12.	Sihtlangpui M.I Project for vegetable gardens Sihtlangpui 10 Ha. (SDAO Lawngtlai)	10Ha.	1st week of April 1990	Project is comple- ted.
13.	Tuitlawk M.I Project Tuitlawk DAO(S)		3rd week of April 1990	Repair work to damage due to flood will be completed by this time.
14.	Ngengpui Lift Irriga- tion Project, Ngengpui Valley 25 Ha. SDAO LTI	25 Ha.	2nd week of May'90	Project will be completed by this time.
15.	Vathlawng M.I Project Phura 50 Ha. SDAO, Tuipang	50 Ha.	March 1991	Diversion work and half of channel length will be completed.
16.	Ngengruai M.I Project Thingfal. 30 Ha. (SDAO Lunglei).	30 Ha.	Feb'90	Diversion work and two third of cha- nnel length will be completed.

C. PROPOSED MINOR IRRIGATION PROJECT TO BE STARTED IN 1990-91

1.	Lungdawhlui Minor Irrigation Project, Tiau Valley, Hnahlan	120 Ha.	Aizawl Irrigation Division.
2.	Zilhri Minor Irrigation Project, Tiau Valley, Zote	40 Ha.	- do -
3.	Saikhuailui Minor Irrigation Project, Tiau Valley, Sesih	30 Ha.	- do -
4.	Tuipui Minor Irrigation Projects, Champhai	300 Ha.	- do -
5.	Hnundolui Minor Irrigation Project, Chitephai Vairengte	40 Ha.	- do -
6.	Chengkawllui Minor Irrigation Project, Bairabi	25 Ha.	- do -
7.	Chawnpui Minor Irrigation Project, Chawnpui(Bilkhawthlir)	20 Ha.	- do -
8.	Demdial Minor Irrigation Project, Muirini	15 Ha.	- do -
9.	Ngawizawl Minor Irrigation Project, Cherhlun.	40 Ha.	Lunglei Irrigation Division.
10.	Zaupui Minor Irrigation Project South Vanlaiphai	30 Ha.	- do -
11.	Sazuklui Minor Irrigation Project, Phaileng	25 Ha.	- do -
12.	Dengsur Minor Irrigation Project, Buarpui	30 Ha.	- do -
13.	Huisih Minor Irrigation Project, Haulawng	25 Ha.	- do -
TOTAL :		740 Ha.	

SCHEME NO - I

HEAD OF THE DEVELOPMENT : MINOR IRRIGATION (GENERAL)
NAME OF THE SCHEME : DIRECTION & ADMINISTRATION

At present, there are two Minor Irrigation Divisions at Aizawl and Lunglei with two work Sub-Divisions each. During the 8th Five Year Plan, it is proposed to expand the present infrastructure into five divisions by creation of two new works Divisions with headquarters at Saiha and Kolasib and another one new Planning and Design Division, with one Officer at the rank of S.E at headquarter. In total, it is proposed to create one Circle, three new divisions and sixteen new sub-divisions in addition to the existing infrastructure as detailed below :-

1. AIZAWL IRRIGATION DIVISION, AIZAWL (Existing)
Sub-Division :
 - i) Aizawl (Existing)
 - ii) Technical Cell (Existing)
 - iii) Serchhip (Existing)
 - iv) Champhai (new/proposed)
 - v) Store Sub-Division (new/proposed)
 - vi) Kolasib Sub-Division (new/proposed)
2. LUNGLEI IRRIGATION DIVISION, LUNGLEI (Existing)
Sub-Division :
 - i) Lunglei (Existing)
 - ii) Technical Cell (Existing)
 - iii) Lungsen (new/proposed)
3. PLANNING AND DESIGN DIVISION, Headquarter Aizawl (new/proposed)
Sub-Division :
 - i) Design I Soil and Water Engineering (new/proposed)
 - ii) Survey and Investigation, North Zone with Headquarters at Aizawl (new/proposed)
 - iii) Survey and Investigation, South Zone with Headquarters at Lunglei (new/proposed)
4. SAIHA IRRIGATION DIVISION, SAIHA (New/proposed)
Sub-Division :
 - i) Saiha (Existing)
 - ii) Technical Cell (new/proposed)
 - iii) Phura (new/proposed)
 - iv) Lawngtlai (new/proposed)

5. KOLASIB IRRIGATION DIVISION, KOLASIB (New/proposed)

<u>Sub-Division</u> :	i) Kolasib	(New/proposed)
	ii) Technical Cell	(New/proposed)
	iii) Zawlnuam	(New/proposed)
	iv) Bilkhawthlir	(New/proposed)

These posts created and filled up during the 7th Plan directly connected with the Annual Plan works are carried over in 8th Plan as follows :-

1) Executive Engineer	3,000-4,500/-	2 Nos
2) Divisional Accountant	2,000-3,200/-	1 No
3) Junior Engineer/Divisional Head Assistant/Asst. Divisional Accountant	1,640-2,900/-	6 Nos
4) Surveyor	1,200-2,024/-	2 Nos
5) Upper Division Clerk	1,400-2,600/-	2 Nos
6) Lower Division Clerk/Technical Surveyor Asst.	1,200-2,040/-	8 Nos
7) Tracer/Drill	950-1,500/-	8 Nos
8) Gauge Reader	800-1,150/-	2 Nos
9) Grade IV	775-1,150/-	9 Nos
TOTAL :		40 Nos

BUILDINGS :

During 7th Five Year Plan, 54 Nos. of Offices and residential buildings are constructed. During 8th Five Year Plan, 30 Nos. of buildings are proposed to be constructed as detailed below :-

BIZAWL :

1) Circle Office to accommodate office of S.E, E.E., (Planning and Design) E.E. (Bizawl Irrigation Division) and 7th Sub-Divisional Officer	- 1 No
2) Central Godown with Stock-yard	- 1 No
3) Flat type Residential building No.1 to accommodate 4 Nos Type I quarter and 6 Nos. Type II quarters	- 1 No
4) Flat type Residential buildings No. 2 to accommodate 8 Nos. of Type III quarters	- 1 No
5) Flat type Residential buildings Nos. 3 to accommodate 2 Nos Type IV quarters	- 1 No
6) Residential Type V quarter	- 1 No
TOTAL :	6 Nos

KOLASIB :

- 1) Division Office to accomodate Officer of E.E., (Kolasib Irrigation Division) and 3 Sub-Divisional Officers - 1 No.

TOTAL : - 1 No.

SAIHA :

- 1) Division Office to accomodate Officer of E.E (Chhimpui Irrigation Division) and 2 Sub-Divisional Officers - 1 No

TOTAL :- 1 No

LUNGBEN :

- 1) Sub-Divisional Officers Office - 1 No
2) Sub-Divisional Officers quarter - 1 No
3) Type III Quarter - 1 No
4) Type II Quarter - 1 No
5) Type I Quarter - 1 No

TOTAL :- 5 Nos

PHURA :

- 1) Sub-Divisional Officers Office - 1 No
2) Sub-Divisional Officers quarter - 1 No
3) Staff Lodge - 1 No
4) Type III Quarter - 1 No
5) Type II quarter - 1 No
6) Type I Quarter - 1 No

TOTAL :- 6 Nos

ZAWLNUAM :

- 1) Sub-Divisional Officer Office - 1 No
2) Sub-Divisional Officers quarter - 1 No
3) Type III quarter - 2 Nos
4) Type II Quarter - 1 No
5) Type I Quarter - 1 No

TOTAL :- 6 Nos

BUKHATHLIR :

- 1) Sub-Divisional Officers Office - 1 No
2) Sub-Divisional Officers quarter - 1 No
3) Type III quarter - 2 Nos
4) Type II quarter - 1 No
5) Type I Quarter - 1 No

TOTAL :- 6 Nos

CHAMPHAI :

- 1) Staff Lodge - 1 No

TOTAL :- 1 No

MACHINERY & EQUIPMENT : During 7th Five Year Plan One No.D-31A Bulldozer, one No.Tractor with Dozer equipment, 3 Nos. of Tractors and a number of smaller machineries like Coment Concrete Mixer, Cement Concrete Vibrator etc. were purchased for execution of various types of works under Minor Irrigation Projects. In view to speed up works execution, more numbers of construction machineries like Bulldozers, Tractors, Pneumatic Rock Drilling Machines, Concrete Mixing Machines, Earth Compaction Machines, etc. are proposed to be purchased during the 8th Five Year Plan and the major items are as detailed below :-

- | | |
|--|----------|
| 1) D-50 Bulldozer | - 1 No. |
| 2) D-31A Bulldozer | - 2 Nos. |
| 3) Tractor with trailer and attachment | -10 Nos. |
| 4) Pneumatic Rock Drilling Machines | - 2 Nos. |

MOTOR VEHICLES : During 7th Five Year Plan, 11 Nos. of light vehicles (Jeeps) and 2 Nos. of Medium Trucks were purchased under Minor Irrigation Schemes. To facilitate fast mobilisation resources for execution of works, it is proposed to purchase 10 Nos. of light vehicles and 8 Nos. of trucks during 8th Five Year Plan.

- | | |
|------------------------------------|-------------------|
| 1. APPROVED OUTLAY DURING 7TH PLAN | - Rs. 73.00 Lakhs |
| 2. EXPENDITURE DURING 7th PLAN | - Rs.134.56 Lakhs |
| 3. PROPOSED OUTLAY FOR 8TH PLAN | - Rs.335.00 Lakhs |
| 4. APPROVED OUTLAY 1990-91 | - Rs. 49.00 Lakhs |
| 5. PROPOSED OUTLAY 1991-92 | - Rs. 56.00 Lakhs |

PHYSICAL TARGET :

Sub-Head	Unit	8th Plan target	1990-91	1991-
1	2	3	4	5
1. Salary of Officers and Staff	Nos.	250	40	84
2. Construction of buildings	Nos.	30	8	8
3. Maintenance of buildings	No.	74	-	49
4. <u>Purchase of Vehicles :</u>				
i) Light (Jeep)	Nos.	10	2	2
ii) Heavy (Truck)	Nos.	8	-	1

1	2	3	4	5
5. Maintenance of Vehicles	No.	31	-	21
6. House Rent	LS	LS	LS	LS
7. Machinery & Equipment.				
i) D-31A Bulldozer	No.	2	1	-
ii) D-50 Bulldozer	No.	1	-	1
iii) Tractors	No.	7	2	3
iv) Pneumatic Rock Drilling machine	No.	20	10	10
v) Mini-Rollers	No.	3	-	2
vi) Concrete Mixing machines	No.	25	2	2
vii) Self propelled Rock Drilling machine	No.	20	-	10
viii) Cement Concrete Vibrator	No.	10	-	5
8. Maintenance of Machineries and Equipment	LS	LS	LS	LS
9. Office Expenses and Misc. contingencies	LS	LS	LS	LS

FINANCIAL TARGET :

Sub-Head	8th Plan Outlay	(Rs. in Lakhs)	
		1990-91	1991-92
1. Salary of Officer & Staff	85.00	12.00	15.00
2. Construction of buildings	70.00	10.00	12.00
3. Maintenance of buildings	20.00	-	1.00
4. <u>Purchase of Vehicles :</u>			
i) Light Vehicles	13.00	3.00	1.50
ii) Heavy Vehicles	21.00	-	2.50
5. Maintenance of Vehicles	15.00	-	3.00
6. House Rent	5.00	1.00	0.75
7. Machineries & Equipments	71.00	20.00	20.00
8. Maintenance of Machinery and equipments	15.00	-	3.00
9. Office Expenses and Misc. Expenditure	20.00	3.00	3.00
TOTAL :	335.00	49.00	56.00

HEAD OF THE DEVELOPMENT : MINOR IRRIGATION (SURFACE WATER)
NAME OF THE SCHEME : WATER TANK PROJECT

Under this scheme, the works on provision of irrigation water to vegetable gardens around major consumption centres and Horticulture Plantation will be taken up. This scheme may be broadly classified into two viz. Water Tank Scheme for a cluster of vegetable gardens and/or Horticultural Plantations, which will be taken up departmentally to benefit a large number of gardeners with a single project, and water tank scheme for construction of small water tank and provision of pipe for collection and distribution of Irrigation water on subsidy basis to benefit individual farmers having gardens at scattered and isolated places.

- | | |
|--------------------------------|--------------------|
| 1. APPROVED OUTLAY 7TH PLAN | : Rs. 50.00 Lakhs |
| 2. EXPENDITURE DURING 7TH PLAN | : Rs. 76.63 Lakhs |
| 3. PROPOSED OUTLAY 8TH PLAN | : Rs. 120.00 Lakhs |
| 4. APPROVED OUTLAY 1990-91 | : Rs. 10.00 Lakhs |
| 5. PROPOSED OUTLAY 1991-92 | : Rs. 20.00 Lakhs |

PHYSICAL TARGET :

Sub-Head	Unit	8th Plan Target	1990-91	1991-92
1. Individual	Ha.	300	50	70
2. Projects	Ha.	240	20	35
TOTAL :		540	70	105

FINANCIAL OUTLAY :

Sub-Head	8th Plan Outlay	(Rs. in lakhs)	
		1990-91	1991-92
1. Individual	82.00	7.50	15.00
2. Projects	38.00	2.50	5.00
TOTAL :	120.00	10.00	20.00

HEAD OF THE DEVELOPMENT : MINOR IRRIGATION (SURFACE WATER)
NAME OF THE SCHEME : RIVER LIFT IRRIGATION SCHEMES

It is proposed to take up two schemes viz. subsidy scheme under which water lifting devices/machines like diesel engine pumpset will be purchased and sold to individual farmers at a 50% subsidy, and project works where installation of pumpsets and construction of distribution system will be taken up departmentally to benefit by a single project. During 7th. Five Year Plan 10 Nos of River Lift Irrigation Projects will be taken up and completed to benefits 282 Ha. of land, hence there will be no spill over project in the 8th. Five Year Plan.

During the 8th. Five Year Plan, it is proposed to take up 12 Nos of River Lift Irrigation Projects to benefit 350 Ha. of land.

1. APPROVED OUTLAY 7TH. PLAN : Rs. 50.00 lakhs.
2. EXPENDITURE DURING 7TH. PLAN : Rs. 55.07 lakhs.
3. PROPOSED OUTLAY FOR 8TH. PLAN : Rs. 145.00 lakhs.
4. APPROVED OUTLAY FOR 1990-91 : Rs. 15.50 lakhs.
5. PROPOSED OUTLAY FOR 1991-92 : Rs. 25.00 lakhs.

PHYSICAL TARGET:

SUB HEAD	Unit	8th. Plan Target	1990-91	1991-92
1	2	3	4	5
1. Area to be covered	Ha.	350	50	55
2. Purchase of Pumpset to be sold on subsidy.	No	155	30	30
3. Maintenance	No	8	-	12

FINANCIAL OUTLAY:

(Rs. in lakhs)

SUB HEAD	8th. Plan Outlay	1990-91	1991-92
1	2	3	4
1. Lift Irrigation Project works	75.00	8.50	12.50
2. Purchase of pumpset to be sold on subsidy.	60.00	6.00	10.50
3. Maintenance and Misc. expenditure	10.00	1.00	2.00
TOTAL	145.00	15.50	25.00

HEAD OF THE DEVELOPMENT : MINOR IRRIGATION (SURFACE WATER)

NAME OF THE SCHEME : DIVERSION SCHEME

Works proposed under this scheme may be divided into four viz. (i) Project works where construction of pucca diversion headworks, lined diversion channel and distribution channel are taken upto cover compact areas. (ii) Assistance to farmers having W.R.C./Farms at scattered and isolated places, where a single works scheme will benefit individual or a small group of cultivators. (iii) Subsidy schemes under which polyethylene pipes etc., will be purchased and sold at 50% subsidy to individual or a group of cultivators and (iv) Maintenance of completed works under which repairing of monsoon damage and improvement where necessary on various existing Irrigatic structures are proposed to be taken up.

1. Project works : During the 7th Five Year Plan, 46 Nos of Flow Irrigation Projects with a total cultivable command area of 2,640 Ha. have been taken up out of which 26 Nos. will be completed during the 7th Five Year Plan, and there will be 17 Nos. spill-over projects. Out of these 17 projects 7 Nos. will be at the stage of completion whereas in case of the remaining 10 projects only ground-works like detail survey and investigation, alignment and cutting of test path etc. will be executed during the terminal year of 7th Five Year Plan so that the construction works on these 10 projects may be started right from the beginning of the 8th Five Year Plan. The total fund required for completion of these 17 Nos. of spill-over projects is estimated at Rs. 184.00 lakhs and on completion of these projects it is anticipated that additional 2,000 Ha. of land will be covered under Irrigation out of the cumulative total command areas of 6259 Ha.

During the 8th Five Year Plan it is targetted to create 3059 Ha. of Irrigation Potential through execution of new Flow Irrigation Projects with a target to utilise 2500 Ha. Thus the total targetted potential to be utilised during 8th Plan will be 4500 Ha.

2. Assistance to farmers having small and scattered areas of W.R.C.

In Mizoram, other than a few sizeable compact areas where Irrigation Works may be taken up on project basis, there are a large number of small and isolated potential areas scattered in many places along the riverine areas. During the 7th Five Year Plan, works on construction of Irrigation structures for these small, isolated plots could not be taken up due to difficulty in supervision of works and shortage of technical staff. In view of the prospective improvement in infrastructure for execution of Minor Irrigation schemes during the 8th Five Year Plan, it is proposed to take up scheme for execution of Minor Works in construction of Irrigation system to cover smaller area of W.R.C. where a single work will benefit only one or a small group of farmers. This programme is proposed to start with a total target of 285 Ha. only during the 8th Five Year Plan.

3. Subsidy : Under this scheme, water conveyances materials like polyethylene pipes A.C. full and/or half circular pipes G.I. pipes etc., are proposed to be purchased and sold at 50% subsidy to individual or a group of farmers.

4. Maintenance : Under this scheme, maintenance of completed projects and improvement works where necessary will be taken up as these completed projects are subjected to heavy monsoon rains.

1. APPROVED OUTLAY 7TH PLAN	: Rs. 228.00 Lakhs
2. EXPENDITURE DURING 7TH PLAN	: Rs. 321.14 Lakhs.
3. PROPOSED OUTLAY 8TH PLAN	: Rs. 1000.00 Lakhs
4. APPROVED OUTLAY 1990-'91	: Rs. 142.50 Lakhs
5. PROPOSED OUTLAY 1991-'92	: Rs. 160.00 Lakhs

6. PHYSICAL TARGET :

Sl No	Sub-Head	8th. Plan Target	1990-91	1991-92
1.	<u>Flow Irrigation Projects Works</u>			
	a) Irrigation potential to be created (Ha)	3059	400	475
	b) Irrigation potential to be utilised	2500	350	400
2.	Assistance to farmers having Small & Isolated W.R.C.			
	a) Irrigation potential to be created (Ha)	Nil	35	50
	b) Potential to be utilised	Nil	35	50
3.	Distribution of Pipe at 50 % subsidy '000 M	700	100	100
4.	Maintenance (Nos)	LS	LS	LS
5.	Purchase of Jeep (NO)	3	-	1

7. FINANCIAL TARGET:

Sl No	Sub-Head	(Rs. in lakhs)		
		Proposed 8th. Plan Outlay	Approved Outlay 1990-91	Proposed Outlay 1991-92
1.	Flow Irrigation Project	750.00	113.00	120.00
2.	Assistance to Farmers having small and Isolated W.R.C.	95.00	4.50	10.00
3.	Subsidy Scheme	100.00	25.00	25.00
4.	Maintenance of completed Projects.	50.00	-	3.50
5.	Purchase of Jeep	5.00	-	1.50
TOTAL		1,000.00	142.50	160.00

SCHEME NO.5 - - - -

HEAD OF THE DEVELOPMENT : MINOR IRRIGATION(SURFACE WATER)
NAME OF THE SCHEME : AYACUT DEVELOPMENT

Under this scheme the following works are proposed to be taken up in the command areas of Minor Irrigation Projects.

1. Topographical Survey, Soil Survey and other survey.
2. Land shapping and levelling.
3. Construction of field channels, Field drains and enforcement of warabandi.

During the 8th Five Year Plan, topographical survey of 1,775 Ha. of Minor Irrigation Projects command areas is proposed to be conducted and works on land shapping and levelling on 855 Ha. of land within the command areas of completed Minor Irrigation Projects is also proposed. Since construction of field channel and field drains are not taken up under normal scheme of Minor Irrigation Projects, this work is proposed to be taken up under Ayacut Development Scheme and the proposed target set for the 8th Five Year Plan is to construct necessary field channels and field drains to cover 1,695 Ha. of land under the command areas of completed projects. In close Co-ordination with the other wings under the State Agriculture Department. Enforcement of Warabandi and water scheduling and equitable distribution of water to individual fields will also taken up under this Scheme.

1. APPROVED OUTLAY 7TH PLAN : NIL
2. EXPENDITURE 7TH PLAN : Rs. 3.00 Lakhs
3. PROPOSED OUTLAY 8TH PLAN : Rs. 150.00 Lakhs
4. APPROVED OUTLAY 1990-91 : Rs. 13.00 Lakhs
5. PROPOSED OUTLAY 1991-92 : Rs. 15.00 Lakhs
6. PHYSICAL TARGET

Sub-Head	8th Plan Target	1990-91	1991-92
1. Topographical Survey(Ha)	1,775	125	225
2. Land shapping and levelling (Ha)	855	100	125
3. Construction of field channel and field drains in completed project command area(Ha)	1,695	400	440

7. FINANCIAL TARGET

(Rs. in Lakhs)

Sub-Head	Proposed 8th Plan	1990-91	1991-92
1. <u>Survey & Investigation :</u>			
(a) Purchase of Drawing & Survey Instruments.	15.00	1.50	1.00
(b) Field Survey	5.00	0.50	1.00
2. Land shaping and levelling	50.00	3.00	3.00
3. Construction of :			
(a) Field channels	65.00	7.00	8.00
(b) Field drains	15.00	1.00	2.00
TOTAL :	150.00	13.00	15.00

HEAD OF THE DEVELOPMENT : MINOR IRRIGATION (SURFACE WATER)
NAME OF THE SCHEME : OTHER EXPENDITURE

During the 8th Five Plan, it is proposed to take up schemes for installation of sprinkler and Drip Irrigation systems especially in the uplands where vegetable and other Horticultural crops are grown for better management of scarce resources of irrigation water. The installation of sprinkler system is proposed to be executed departmentally whereas installation of Drip Irrigation system is proposed to be executed through purchase of essential components to be sold at 50% subsidy to individual or a group of farmers. The role to be played by the Govt. is to give technical guidance and supervision, in addition to bearing of 50% of the cost of materials.

It is also proposed to install hydrams and water turbines at canal falls along the channel lines of Irrigation projects, to irrigate potential lands lying above the alignment of channels. The areas to be benefitted under this scheme will be mostly vegetable and Horticultural plantations. During the 8th Year Plan, it is targetted to bring 50 Ha. of land under irrigation by installation of hydrams and water turbines.

1. APPROVED 7TH PLAN OUTLAY - NIL
2. EXPENDITURE DURING 7TH PLAN - Rs. 2.03 Lakhs
3. PROPOSED OUTLAY 8TH PLAN - Rs. 30.00 Lakhs
4. APPROVED OUTLAY 1990-91 - Rs. 4.00 Lakhs
5. PROPOSED OUTLAY 1991-92 - Rs. 6.00 Lakhs
6. PHYSICAL TARGET

Sub-Head	8th Plan Proposed Target	1990-91	1991-92
1. Sprinkler system	5	1	2
2. <u>Drip System</u>	10	5	5
3. Hydrams in No. to be installed	10	1	2

Sub-Head	8th Plan Target	1990-91	1991-92
4. Water turbines Nos. to be utilised.	7	-	1
5. Area to be brought under Irrigation in Ha.	50	7.5	5.5

7. FINANCIAL TARGET :

(Rs. in lakhs)

Sub-Head	8th Plan Outlay	1990-91	1991-92
1. Sprinkler system	10.00	2.50	3.50
2. Drip System	10.00	1.00	1.25
3. Hydrams	5.00	0.50	0.75
4. Water Turbines	5.00	0.50	0.50
TOTAL :	30.00	4.00	6.00

SCHEME NO.7

HEAD OF THE DEVELOPMENT : MINOR IRRIGATION (UNDER GROUND WATER)

NAME OF THE SCHEME : GROUND WATER DEVELOPMENT

Although the annual rainfall is high availability of perennial source of streams is limited. Therefore, it is necessary to tap groundwater for irrigation purposes wherever feasible. The Scheme will be more useful for Rabi Crops to augment supply of surface water. For its implementation, Central Ground Water Board and local Industries Department will be associated.

1. APPROVED OUTLAY 7TH PLAN - NIL
2. EXPENDITURE 7TH PLAN - NIL
3. PROPOSED OUTLAY 8TH PLAN - Rs. 40.00 Lakhs.
4. APPROVED OUTLAY 1990-91 - Rs. 8.00 Lakhs.
5. PROPOSED OUTLAY 1991-92 - Rs. 8.00 Lakhs.
6. PHYSICAL TARGET

Sl. No.	Sub-Head	Proposed 8th Plan Target	1990-91	1991-92
1.	Potential to be created (in ha)	150	30 Ha	30 Ha
2.	Energisation of pumpsets (Nos)	200	60 Nos	60 Nos

7. FINANCIAL TARGET

Sl. No.	Items	8th Plan Target	Approved Outlay 1990-91	Proposed Outlay 1991-92
1.	Survey, Tapping and energisation of Pumpsets.	40.00	8.00	8.00
TOTAL :		40.00	8.00	8.00

FLOOD CONTROL :

Works under Flood Control in Mizoram is taken up from 7th Five Year Plan only. There is no large scale flooding of land in Mizoram as in other states due to the hilly nature of the state. Hence, there is no large size Flood Control Management Project in Mizoram. The Flood Control aspects in Mizoram consists of anti-erosion works and bank stabilisation. Due to the turbulent flow of river waters in hilly region, erosion at places where towns and villages are located at river bank have to be protected. In some lower settlement areas the toe of the foot-hills are continually eroded by high flood water, as a result of which the land above the erosion slipped thus affecting a large number of families.

During the 7th Five Year Plan Rs.100 lakhs is initially approved under Flood Control. However, total of the yearly allocation has come to only Rs.65 lakhs.

During 8th Five Year Plan Rs.110.00 lakhs is proposed for such Flood Control Protection works. Break-up of the work components and yearwise break-up is as shown in statement-I.

The working group of perspective plan upto 2000 A.D. for the development of North Eastern Region recommended Rs.10 crores for Mizoram for the period 1990-2000 A.D. No separate establishment is proposed to take up work under Flood control as the works are executed through the existing establishment of P.W.D.

DRAFT EIGHTH FIVE YEAR PLAN
AND ANNUAL PLAN 1991 - 92

INTRODUCTION

The present power peak load requirement of the state is 42MW which is likely to rise to 48MW by the end of the current year. This demand is reflected in the 13th Annual Power Survey document which was finalised after discussions between the department and CEA. As against this requirement we have installed capacity (Diesel and Hydel) of about 26MW out of which only 20MW can be said to be available due to deration and ageing of the sets. In addition, we have the capacity to import grid power and distribute to the extent of 15MW. Thus presently against the requirement of 42MW, availability is only 35MW provided 14MW grid power is made available. Present shortfall is thus 7 MW which is likely to increase to 13MW by the end of current year. As per the trend in the past, requirement of power is likely to increase at the rate of 15% per annum. The 8th Five Year Plan has been prepared keeping this scenario in mind.

The schemewise outlay proposed for 8th Five Year Plan and Annual Plan 1991-92 is indicated below : (Rs lakhs)

<u>Name of the scheme</u>	<u>Expendr in 7th plan</u>	<u>8th plan outlay proposed</u>	<u>1990-91 outlay approved</u>	<u>1991-92 outlay proposed</u>
1. Hydel Generation	840.67	3341.00	300.00	521.00
2. Diesel/Gas Generation	621.96	1500.00		
3. Transmission	2151.90	3801.00	680.00	941.00
4. Distribution	1099.87	1980.00	390.00	430.00
5. Rural Electrification	1416.76	2744.00	400.00	560.00
6. General including investigation of hydel project	88.86	364.00	20.00	80.00
7. Non-Conventional Sources of Energy	36.41	170.00	26.00	34.00
8. Integrated Rural Energy Programme	65.66	100.00	20.00	25.00
TOTAL	6372.09	14000.00	1836.00	2591.00

ITEMWISE DESCRIPTION OF SCHEMEHYDEL GENERATION :

Only potential available for power generation in the state is hydel. Though hydel projects are highly capital intensive in nature, there is no alternative but to take up as many projects as possible in order to make electric power available to the remote areas where grid line cannot be taken up during the eighth plan. It is proposed to add power generating capacity of 10.62 MW by constructing 25 Microhydel stations and 9 Mini/Small hydel projects. In addition, one major project namely Tuirial (60 MW) and Maicham phase-II (2 MW) shall also be taken up but benefits will be available during 9th Plan. Addition of 10.62 MW during 8th plan will raise the hydel generation capacity to about 13 MW as on 3/95.

Out of 25 Microhydel projects and 9 Mini/small projects, 3 projects namely Tuipui (0.5 MW), Tuisumpui (0.45 MW) and Maicham (2 MW) are on-going works and the remaining shall be taken up in phased manner from the current year. Outlay proposed for individual projects and other connected informations are briefly given below :

On-going

- 1) Tuipui (2x250 KW) &
- 2) Tuisumpui (3x150 MW)

Both the above projects were approved by the Planning Commission in May 1987. Works were started in Oct '88 and schedule of completion was 3/90. Revised schedule of completion is 12/90. Fund required to complete the projects is indicated below :

<u>Cost (Rs lakhs)</u>	<u>Tuipui</u>	<u>Tuisumpui</u>
Original	128.00	112.50
Revised	200.00	195.00
Expenditure upto 3/90	129.09	124.78
Progress upto 3/90	75%	70%
<u>Schedule of completion</u>		
Original	3/90	3/90
Revised	12/90	12/90
Reasons for revision	(i) Extra road work (ii) Steal conduit pipe in place of open channel. (iii) Cost escalation	(i) Steal conduit pipe in place of open channel (ii) Cost escalation.

	<u>Tuipul</u>	<u>Tuisumpul</u>
<u>1990-91</u>		
Appr. outlay	30.00	40.00
Antepd expndr	30.00	40.00
<u>1991-92</u>		
Proposed outlay	41.00	30.00
Required for	(i) Balance payment for TG Set. (ii) Balance payment for power house, power channel and penstock (iii) Direction & Admn.	(i) Balance payment for TG Set. (ii) Balance payment for penstock & Power Channel.
8th Plan outlay proposed	71.00	70.00

3) Maicham (1x100 KW + 2x500 KW)

This project was approved by the state government in 9/88 at an estimated cost of Rs 494.00 lakhs. Though construction of road leading to the project site was taken up during 88-89, actual project construction has got delayed due to late receipt of investment approval, environmental clearance and also organisational constraint. An expenditure of Rs 79.81 lakhs was incurred upto 3/90. Construction of the project is now in full swing and it is expected that it will be commissioned by 3/92 instead of 10/91 as originally scheduled. An outlay of Rs 200.00 lakhs is approved for the current year which shall be fully utilised. During 1991-92 requirement is Rs 200.00 lakhs which shall be utilised for the following items of work :

	<u>Rs lakhs</u>
TG Set	75.00
Weir	50.00
Power Channel	10.00
Penstock	15.00
Transmission line	10.00
Building	10.00
D & A	30.00
	<hr/>
TOTAL Rs	200.00 lakhs
	<hr/>

8th Plan requirement for this project is Rs 415.00 lakhs.

New Schemes

Name of the new schemes and relevant details about it are indicated below :

Name of schemes with proposed installation	Est cost	(Rs lakhs)				Comple- tion sch- edule	REM. RKS
		8th plan outlay proposed	90-91 outlay approved	91-92 outlay proposed			
1. Teirei (2x750 KW)	452.00	452.00	5.00	100.00	3/94	Both the pro- jects are under approval of sta- te govt. prelim inary works to start from the current year.	
2. Ramrilui (2x150 KW)	110.00	110.00	1.00	30.00	12/93	Investigation by CWC in pro- gress. Field work completed. Design in pro- gress	
3. Tuiphai (2 MW)	600.00	600.00	-	-	12/94	Investigation in progress DPR shall be ready by 3/92	
4. Tuipanglul (1 MW)	300.00	300.00	-	-	3/94	Investigation in progress DPR shall be ready by 3/92	
5. Kau-Tlabung (2 MW)	600.00	600.00	-	-	3/95	Investigation in progress DPR sha- ll be ready by 3/92	
6. Maicham stat- age-II (2 MW)	600.00	100.00	-	-	-	To spill over to 9th plan	
7. Ngengrual (2x250 KW)	145.00	145.00	-	60.00	3/93	DPR is ready. work to start from 91-92	
8. Tuirial (60 MW)	23100.00	178.00	-	-	-	To spill over to 9th plan	
9. Microhydel (25 stations of 15KW each)	300.00	300.00	24.00	60.00		Two microhydel stations of 1x15 KW namely Laului and Laililui sha- ll be completed in the current year. 5 more similar projects including Vawralui near Khaw- lian, Samtarlui near Phuaibuang and R. Tichhei near Chapui shall be taken up in 91-92	
TOTAL	26207.00	2785.00	30.00	250.00			

DIESEL/GAS POWER GENERATION6 MW GAS GENERATION SCHEMES

In the absence of our own generation and failure in grid power import quite often, it is necessary to have a minimum capacity of 6 MW Diesel/Gas generation project during 8th plan in order to provide reliable and uninterrupted power supply to essential installations like PHE, Hospital, AIR and Doordarshan etc. Gas generation project subject to availability of gas would be preferable. Otherwise scheme will be prepared for augmentation of diesel generating capacity by 6 MW. An outlay of Rs 1500.00 lakhs is proposed for 8th Plan. Project will be finalised in 91-92 and it is expected that work shall be taken up from 92-93 only. As such, no outlay is proposed for 91-92.

TRANSMISSION AND DISTRIBUTIONTRANSMISSIONa) On-Going132 KW Lines :

7th Plan transmission scheme envisages construction of six numbers 132KV lines totalling 425 Km for connecting various load centres in the state. Works could be taken up from 1988-89 only for two lines which are in progress. Work for 55Km Lunglei-Lawngtlai line has been taken up from the current year as a North Eastern Council funded project. Contract for the remaining three lines is being signed and works are expected to start after the rains are over. Fund requirement for 8th Plan and also 91-92 for the above works are indicated below :

	<u>Zbk-Kz1</u> (110KM)	<u>Zbk-W.Ph1</u> (75KM)	<u>Schp-E.Ldr</u> (45 Km)	<u>Schp-Mpr</u> (400 Km)	<u>LI-I-Lsh</u> (40 Km)
Estimated cost :					
Original	462.00	315.00	189.00	420.00	168.00
Revised	660.00	450.00	270.00	600.00	240.00
Expndr upto 3/90	215.13	123.76			
8th Plan Outlay proposed (Total 1881.00)	445.00	326.00	270.00	600.00	240.00
90-91 Outlay approved (Total 440.00)	200.00	150.00	40.00	10.00	40.00
1991-92 Outlay proposed (Total 641.00)	245.00	176.00	80.00	60.00	80.00
Physical Target	100%	100%	30%	20%	30%
Completion Schedule :					
Original	3/91	2/91	3/93	3/93	3/93
Revised	3/92	2/92	2/94	3/95	3/94

The 7th Plan transmission scheme was prepared during 1985-86 at 1985 prices/rates and approved in March 1987. Cost escalation has necessitated the revision of the project report which is in progress. In the original project report, per Km cost of construction of 132KV line is taken as Rs 4.00 lakhs. Revision exercise carried out so far indicate that cost per Km could go up to at least Rs 6.00 lakhs. Assessment of fund for 8th Five Year Plan has been made on this basis.

SubStations

In the 7th Plan transmission scheme referred above, there is provision for construction of three nos 66 KV substations and four Nos 33KV substations. Only preliminary works were done during 7th Plan. Actual construction is being started from this year. Fund requirement for 8th plan and Annual Plan 91-92 is indicated below :

	66KV Kh- awzawl (2x2.5 MVA)	66KV W. Phailong (2x2.5 MVA)	66KV Sai- tual (2x2.5 MVA)	33KV F. Lungdar (2x2.5 MVA)	33KV Marpa- ra (2x 2.5MVA)	33KV Lung- sen (2x 2.5MVA)	33KV Lawng- tlai (2x2.5 MVA)
Estimated cost :							
Original	97.00	103.00	77.00	58.38	63.02	58.38	58.38
Revised	126.00	134.00	100.00	75.00	82.00	75.00	75.00
Expendr upto 3/90	7.70	15.58	7.70				
8th Plan outlay proposed (Total 635.00)	118.00	118.00	92.00	75.00	82.00	75.00	75.00
1990-91 outlay approved (Total 170.00)	50.00	50.00	40.00	10.00		10.00	10.00
1991-92 :							
Outlay proposed (Total 235.00)	50.00	50.00	40.00	25.00	20.00	25.00	25.00
Physical target	100%	100%	100%	30%	20%	30%	30%
Completion schedule :							
Original	3/90	3/90	3/90	3/93	3/93	3/93	3/93
Revised	3/92	3/92	3/92	3/94	3/95	3/94	3/94

132KV Serchhip Substation :

Construction of 132KV substation at Serchhip is part of 6th plan transmission scheme. Works have since been completed and 2x6.3 MVA, 132/33KV Transformer commissioned in April 1990. 8th Plan requirement is Rs 30.00 lakhs which is being utilised in the current year. No outlay is required for the year 1991-92.

Upgradation of Lunglei Substations :

The above work was taken up during 1988-89. The approval was accorded by the state govt. in Sept'88 at an estimated cost of Rs 211.00 lakhs. The revised cost is Rs 272.00 lakhs. An expenditure of Rs 206.61 lakhs was incurred upto 3/90. 8th Plan requirement is Rs 65.00 lakhs. Rs 40.00 lakhs is available during the current year. An outlay of Rs 25.00 lakhs is necessary for 1991-92. All the works except installation and commissioning

of transformers have since been completed. The fund required during 8th plan is mainly for the purchase of transformer. All the works are expected to be completed by 3/91. Fund proposed for 1991-92 will be utilised for closing the Account.

b) New Works :

Construction of 132KV Vairengte (Bilkhawthlir)- Aizawl (85 Km) line with 132KV Substation at Vairengte(Bilkhawthlir)

In the absence of our own generation, we are totally dependent on grid power import. At present we are drawing power from NEEPCO's 132KV Jiribum-Aizawl line. This line is further extended to Kumarghat to enable Tripura to draw power. Through this line we can at the most draw 20 MW of power which is required at Aizawl alone. There will be no more power available for transmission to other load centres like Serchhip and Lunglei which are already ready to receive power at 132KV. Two more 132 KV lines will be ready by next year connecting eastern and western part of the state. We must therefore have additional transmission system to meet the power demand of the state. Also, it has been experienced that the existing 132KV Jiribum - Aizawl line is not at all reliable. Prolonged failure of Jiribum - Aizawl line during April/May'90 kept the state virtually under darkness and even essential supplies to PHE and hospital etc. could not be made. Subsequently discussions were held with North Eastern Council and it was agreed that additional transmission net work should be constructed on priority in order to ensure reliable power supply to Mizoram. It was indicated that 132KV line shall be extended upto Vairengte(Bilkhawthlir) from Badarpur in Assam. Keeping this in view, it is proposed to have a 132KV Substation at Vairengte(Bilkhawthlir) and extend 85 Km of 132KV line from there to Aizawl grid substation. 8th plan requirement of fund for these works are given below :

	<u>Rs lakhs</u>
132KV Vairengte(Bilkhawthlir)-Aizawl(85 Km)	510.00
132KV Substation at Vairengte(Bilkhawthlir) (2x12.5MVA)	300.00
TOTAL	Rs 810.00 lakhs

Construction of 132KV Saitual-E.Phaileng (40 Km)
and 33KV Substation at E.Phaileng (2x2.5 MVA)

North Eastern part of the state continue to depend on meagre diesel generation in the area. Our on-going transmission net work does not cover this area. It is therefore proposed to construct 132KV Saitual - E.Phaileng with 33KV Substation at E.Phaileng during 8th Plan. Project report is under preparation and work is expected to start from 1992-93. Fund requirement during 8th Plan shall be as follows :

	<u>Rs lakhs</u>
132KV Saitual - E.Phaileng(40 Km) line	240.00
33KV E.Phaileng Substation (2x2.5 MVA)	60.00
	<hr/>
TOTAL -	Rs 300.00 lakhs
	<hr/>

Augmentation of 66KV Kolasib
Substation by 2x6.3 MVA

Existing capacity of 66KV Kolasib Substation is 1x3 MVA which is just sufficient for Kolasib town. Under distribution scheme, 33KV line is already constructed to Bairabi which is going to have Rail link by the end of this year. Various central sector undertakings like IOC, FCI etc are going to have their installations in and around this area. At least two industries are also coming up at Bairabi. In view of expected power demand in the near future, it is expected to augment transmission capacity of Kolasib S/S by 2x6.3 MVA which shall also provide power supply to about 100 villages in the area.

Distribution :

There is increasing demand for extension of distribution lines in the already electrified urban and rural areas including the capital town of Aizawl which is growing very fast. 357 villages have been electrified upto 3/90 besides 6 towns. Considering even the minimum demand for extension and also connecting important places by drawing 33KV and 11KV line for supplying grid power it is proposed to take up the following works during 8th plan.

Item	8th Plan		90-91	Ancpd achiev.	91-92	
	outlay proposed	Physical target	outlay approved		outlay proposed	Physical target
33KV line - @ Rs 1.45 lakhs/ Km	145.00	100Km	43.50	30 Km	50.75	35 Km
i) 11KV line- @ Rs 1.00 lakhs/ Km	224.00	224Km	60.00	60 Km	65.00	65 Km
) LT line @ Rs 0.943 lakhs/Km	453.00	480Km	48.26	48 Km	104.00	110 Km
) 33KV S/S						
) At Keitum	35.00	1x2.5MVAA			20.00	60%
i) at Champhai	60.00	2x2.5MVAA				
ii) at Haugchawkawu	35.00	1x2.5MVAA			14.00	40%
v) at Lunglei P/H	35.00	1x2.5MVAA			14.00	40%
) at Saiha	60.00	2x2.5MVAA				
) 11, 0.4KV Dist. S/S :						
) 500 KVA @ Rs 1.25 lakhs each	19.00	15 Nos	1.25	1 Nos	3.75	3 Nos
i) 250KVA @ Rs 0.90 lakhs each	45.00	50 Nos	3.60	4 Nos	9.90	11 Nos
ii) 100 KVA @Rs 0.4 lakhs each	58.00	90 Nos	3.84	6 Nos	9.60	15 Nos
v) 63 KVA @ Rs 0.52 lakhs each	26.00	50 Nos	2.60	5 Nos	5.20	10 Nos
) 25 KVA @ Rs 0.37 lakhs each	12.00	32 Nos	1.85	5 Nos	1.85	5 Nos
) Direction and Administration	213.00		48.00		52.00	
TOTAL	Rs 1420.00	lakhs	Rs 210.00	lakhs	Rs 350.00	lakhs

Master plan for system improvement in Aizawl town (Phase-I)Master plan for system improvement in Aizawl town (Phase-II)

Master plan for system improvement in Aizawl town was submitted to Planning Commission during 1985-86 at an estimated cost of Rs 646.00 lakhs. It was advised that a scheme should be implemented in two phases. Investment approval for Rs 357.19 lakhs was communicated during June '86 towards phase-I work. Due to lack of fund there was very little progress upto 87-88. Works were stopped up from 1988-89. Almost all the works except 'Modification of Distribution substation where underground service is envisaged (4500 KVA)' have been completed and the remaining work is in progress. It is expected that phase-I scheme will be completed by the end of 1991-92. It is proposed to take up phase-II work also from 1992-93 and complete within three years thereafter.

Due to cost escalation phase-I scheme is under revision and revised cost is expected to be Rs 496.00 lakhs. An expenditure of Rs 236.12 lakhs was incurred upto 3/90 and requirement for 8th plan is given below :

	<u>8th plan proposed outlay</u>	<u>1990-91 approved outlay</u>	<u>1991-92 proposed outlay</u>
Phase-I	260.00	180.00	80.00
Phase-II	300.00		

RURAL ELECTRIFICATION

There are 736 villages as per 1981 census out of which 721 are inhabited. During 7th five year plan 226 villages were electrified raising the total number of electrified villages to 357 giving about 50% rural electrification which is much below the national average. The main reason for such low percentage of rural electrification is the late start of developmental activities in the state. It is proposed to achieve cent percent rural electrification by the end of 8th five year plan. An outlay of Rs 2744.00 lakhs is proposed for 8th plan to electrify 323 villages. When achieved, total number of electrified villages at the end of 8th plan will stand at 680 villages. With this achievement, cent percent rural electrification will still be short by 41 villages. Electrification of 41 villages shall, however, be achieved by non-conventional sources of energy and installation of small 15 KW Horizontal Tubular Turbines.

An outlay of Rs 400.00 lakhs is approved for 1990-91 for electrification of 50 villages. The outlay approved was based on Rs 8.00 lakhs per village cost of electrification. In consideration of remoteness of the villages and requirement of longer H.T. lines, per village cost of electrification has to be at least Rs 8.50 lakhs. An outlay of Rs 560.00 lakhs is proposed for 1991-92 for electrification of 66 villages. Fund proposals for 8th plan and 1991-92 if approved shall be taken as loan from REC on the basis of the approved schemes.

GENERAL

1) Survey and Investigation of Hydel projects :

The only source of power generation in the state is hydel and therefore it is proposed to lay greater emphasis on harnessing of hydel power potentiality. An outlay of Rs 64.00 lakhs is proposed during 8th plan for investigation of following projects :

- | | |
|-------------------|--|
| 1) Kurunglui | 2) Tuipanglui |
| 3) Kau-Tlabung | 4) Mat |
| 5) Mar | 6) Huahchenglui |
| 7) Darlak/Vawngva | 8) Twenty three schemes for installation of 15KW HTT sets. |

An outlay of Rs 15.00 lakhs is approved for 1990-91 to complete the investigation of Tuipanglui, Kurunglui and Kau-Tlabung. An outlay of Rs 20.00 lakhs is proposed to continue the investigation of Mat and Mar. In addition, investigation of five small schemes for installation of 15KW shall also be completed.

ii) Construction of functional and Non-Functional Buildings :

Power department does not get any fund for construction of buildings except very few in specific projects. As a result, almost all the offices at Aizawl and elsewhere are functioning in expensive rented buildings. Department is paying a rent of about Rs 12.00 lakhs per year towards office buildings at Aizawl alone. At many places in the interiors there are not even buildings which can be hired for office accommodation. There is acute shortage of residential houses for operation and maintenance staff with the result department has been experiencing great difficulty towards maintenance of power supply. An assessment for minimum requirement has been made which comes to Rs 300.00 lakhs during 8th plan for the following works :

(1) Four floor R.C.C. buildings at an estimated cost of Rs 100.00 lakhs in Aizawl power house complex. This building will accommodate :

- a) Circle Office - 1
- b) Divisional office - 2
- c) Sub-Divisional office - 1
- d) Rest house - 1
- e) Canteen - 1
- f) Car parking and
- g) Children park

(2) Five storeyed headquarters buildings at Zema hawk 132KV S/S complex at an estimated cost of Rs 154.00 lakhs. This building shall accommodate :

- a) Chief Engineer's office - 2
- b) Adl Chief Engineer's office - 2
- c) Circle office - 2
- d) Divisional office - 5
- e) Sub-Divisional office - 9

(3) Divisional office building - 5

(in Rural areas)

130 Sqm each @ Rs 2000/Sqm

Rs 13.00 lakhs

(4) Residential buildings

- a) Type - 1 (twin) - 10 Nos
@ Rs 0.90 lakhs each - Rs 9.00 lakhs
- b) Type-II - 12 Nos
@ Rs 0.90 lakhs each - Rs 10.80 lakhs
- c) Labour barrack - 10 Nos
@ Rs 1.35 lakhs each - Rs 13.50 lakhs

An outlay of Rs 5.00 lakhs is approved during 1990-91.

Preliminary buildings works at Zema hawk complex are being started.

An outlay of Rs 60.00 lakhs is proposed for 1991-92.

NCN- CONVENTIONAL SOURCES OF ENERGY

This scheme was initiated during 7th plan. An outlay of Rs 170.00 lakhs is proposed for 8th plan. Rs 25.00 lakhs is approved for 1990-91 and proposal for 1991-92 is Rs 34.00 lakhs. The following works are proposed to be done..

Item	8th plan		1990-91		1991-92	
	outlay proposed	Target	outlay approved	Actpd achieve- ment	outlay pro- posed	Target
i) L.P.G.	5.00	100 Nos	0.70	14 Nos	0.70	14 Nos
ii) Village electrification by solar energy	84.00	15 vills (105 units)	11.00	2 vills (14 units)	17.00	3 vills (21 units)
iii) S.B.V Street lighting	17.00	20 vills (80 units)	3.50	4 vills (16 units)	5.00	6 vills (24 units)
iv) Solar cooker	2.50	300 Nos	0.40	50 Nos	0.48	50 Nos
v) Wind energy (on-going)	5.00	2x20KW 2x3KW	5.00	2x20KW 3x3KW		
vi) Biogas Gasifier generating Set-5KW	32.50	5 Nos	4.30	1 No	6.50	1 No
vii) Energy Plantation @ Rs 2500/Ha	5.00	200 Ha	1.00	40 Ha	1.00	40 Ha
viii) Direction & Adm.	19.00				3.50	
TOTAL	170.00		26.00		34.00	

INTEGRATED RURAL ENERGY PROGRAMME :

This programme was also initiated in the state from 7th five year plan. Progress was not very good during 7th plan due to organisational constraint. An expenditure of Rs 65.66 was incurred during 7th plan. Project officers at State and District level could be posted only in 1988 and it is expected that progress will be better during 8th plan. Works were taken up in two blocks namely Reiek and Lokicherra during 8th plan. Works in Lokicherra block is continuing in the current year. It is proposed to take up four new blocks during 8th plan out of which survey for one block namely W. Bunglemin is already in progress and project report shall be ready in Dec'90. An outlay of Rs 100.00 lakhs is proposed for 8th plan. Rs 20.00 lakhs is approved for 1990-91 and proposal for 1991-92 is Rs 25.00 lakhs.

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ALLOCATIONS PROPOSED DURING EIGHTH FIVE YEAR PLAN 1990-95

Sl. No.	Name of the Scheme	Allocation proposed (Amount Rs. in lakhs)						Page No.
		8th. Plan 90-95	90-91	91-92	92-93	93-94	94-95	
A.	LARGE & MEDIUM INDUSTRIES.							
1.	Mizoram Food & Allied Industries Corporation.	600.00	60.00	90.00	140.00	150.00	160.00	VI(A) ⁹
2.	Medium Density Fibre Board Manufacturing Unit.	902.00	5.00	23.00	260.00	350.00	264.00	VI(A) ¹²
TOTAL OF 'A'		1502.00	65.00	113.00	400.00	500.00	424.00	
B. VILLAGE & SMALL INDUSTRIES :								
1.	Common Facility Centre.	40.00	8.00	6.00	8.00	8.00	10.00	VI(A) ¹⁴
2.	Promotion of Village, Cottage & Tiny Inds.	23.00	3.00	5.00	5.00	5.00	5.00	VI(A) ¹⁶
3.	Hire Purchase of Machinery.	95.00	15.00	15.00	20.00	20.00	25.00	VI(A) ¹⁶
4.	Entrepreneurial Development & Training.	20.00	4.00	4.00	4.00	4.00	4.00	VI(A) ¹⁷
5.	Industrial Information.	75.00	10.00	10.00	15.00	20.00	20.00	VI(A) ¹⁸
6.	Co-operation	18.00	2.00	4.00	4.00	4.00	4.00	VI(A) ¹⁹
7.	Research, Design & Development.	10.00	2.00	2.00	2.00	2.00	2.00	VI(A) ²⁰
8.	Incentive/Subsidy to Industries.	205.00	25.00	40.00	40.00	50.00	50.00	VI(A) ²¹
9.	(a) Handloom Industry.	347.00	67.00	70.00	70.00	70.00	70.00	VI(A) ²⁴
	(b) Handicraft Industry.	80.00	16.00	16.00	16.00	16.00	16.00	VI(A) ²⁸
10.	Mizoram Handloom & Handicraft Development Corporation.	410.00	82.00	82.00	82.00	82.00	82.00	VI(A) ²⁹
11.	ZIDCO	350.00	60.00	60.00	70.00	80.00	80.00	VI(A) ³³
12.	Development of Electronics	286.00	36.00	50.00	60.00	70.00	70.00	VI(A) ³⁵
13.	Mizoram Khadi & Village Industries Board.	414.00	65.00	103.00	86.00	80.00	80.00	VI(A) ³⁷
14.	Strengthening of Administration.	135.00	35.00	25.00	25.00	25.00	25.00	VI(A) ⁴³

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Sl. No.	Name of the Scheme	8th. Plan			Allocation proposed. (Amount Rs. in lakhs)			Page No.
		90-95	90-91	91-92	92-93	93-94	94-95	
15.	District Industries Centre.	110.00	20.00	20.00	20.00	25.00	25.00	VI(A) 46
16.	Development of Industrial Infra-structure.	600.00	110.00	125.00	125.00	120.00	120.00	VI(A) 47
TOTAL OF 'B'		3218.00	560.00	637.00	652.00	681.00	688.00	
C. MINES & MINERALS :								
1.	Mines & Minerals.	350.00	50.00	60.00	70.00	80.00	90.00	VI(A) 52
TOTAL OF 'C'		350.00	50.00	60.00	70.00	80.00	90.00	
GRAND TOTAL OF 'A' 'B' & 'C'		5070.00	675.00	810.00	1122.00	1261.00	1202.00	

INTRODUCTION

During the Seventh Plan period, concerted efforts have been made by this Department to understand the problems hindering the pace of Industrial development in the State so as to channelise the activities in proper direction for achieving faster rate of growth. During 1987, services of Padmashree K.L.Nanjappa, Ex-UNIDO Adviser was commissioned by the Govt., of Mizoram and that he was appointed as Adviser to the Department. Shri Nanjappa stayed in Mizoram for a period of six months and made an indepth study on the situation prevailing in the field of industrial development in the State. He prepared a report on 'Integrated Development Programme' wherein certain recommendations were made.

The basic weakness which was identified by the department as well as which was specifically mentioned in the report of Shri Nanjappa was the absence of any policy framework to guide the strategy of industrial development in the State. Efforts were therefore made by the Department to frame the Industrial Policy of Mizoram under the broad guidelines of "Industrial Policy Resolution - 1956" and "Industrial Policy Statement - 1980" of the Government of India, giving special attention to the existing state of industrial development in Mizoram, her socio-economic condition and cultural heritage so as to suit the local condition.

The "Industrial Policy of Mizoram State, 1989" was notified by the Govt., of Mizoram during March 1989. This policy will henceforth guide the strategy of industrial development in the State so as to commence from the 8th Five Year Plan. The approach of this Department to the 8th Plan will therefore be guided by the resolutions made in the policy statement and plans and programmes will be framed accordingly so as to achieve the desired goal.

The Industrial Policy lay stress on reducing the prevalent practice of shifting cultivation by effecting a shift from primary to secondary sector, and to do so, several measures have been suggested. In the policy resolution priority industries have been identified. Priority will be given on Agro and Forest based industries followed by handloom, electronic and consumer industries. The policy, inter-alia, lay stress on even development of all sectors namely, Large & Medium, Small Scale, Village & Cottage. For the rapid development of all the sectors, all necessary supporting institutions will be provided. Various type of supports include institutional support, organisational support, marketing support, infrastructure development, manpower development apart from initiating several incentive scheme to attract the prospective entrepreneurs. State Govt., will

protect the local industries in various ways.

The entire Mizoram is however still a notified industrially backward area and categorised under 'No Industry District' due to non-existence of any large and medium industries in the State. The endeavour of the Industries Department during the Eighth Plan is to take an integrated approach for the overall development of all the sectors of industries so that by the end of the 8th Plan period, Mizoram no longer remains under the category of 'No Industry District'.

It will be our endeavour, through industrial Schemes, to develop farming in the rural areas of the State and thereby encourage permanent cultivation and increase rural gainful employment.

The educated young boys and girls will be attracted to more sophisticated industries like the Electronics, modernised handloom and service industries.

To fulfil the aims and objectives as announced in the "Industrial Policy of Mizoram State, 1989" the Department's approach to the 8th Plan will be as follows :

1) Setting up of viable industrial projects in Large & Medium Sector through State owned development Corporation.

Resource based industries, comprising mainly Agro-horticulture based and Forest based industries will be set up. Development in Large and Medium Sectors is necessary for propagating industrial culture in the State and for resource generation. This will also promote ancillary sector.

2) Setting up of modern small scale industries at the level of private entrepreneurs by providing all necessary promotional supports with the help of various incentive schemes.

Attempt will be made to encourage SSI entrepreneurs to primarily take up production of goods consumed in Mizoram so as to check outflow of money out of the State.

3) Development of artisan based industries, like handloom and handicraft, village & tiny industries in the rural areas by providing all necessary supports like, subsidy, raw material, sheds and marketing, training etc.

This will be effected by intensifying the activities of Mizoram Handloom and Handicraft Development Corporation and Mizoram Khadi and Village Industries Board and strengthening the organisational set up at the Government level.

4) Development of Infrastructure :

For the development of modern small scale industries, infrastructural support is a pre-requisite. The Department will therefore continue to set up more Industrial Estates/Growth Centres etc. during the 8th Plan period. Supply of industrial raw-materials will also be handled effectively.

5) Man-power development :

Availability of skilled manpower is an important factor for industrial development and hence, the Department will continue to intensify the activities in this field during the 8th Plan period by means of entrepreneurial development & training, in-plant training etc.

6) Development of Electronic industries :

The pollution free atmosphere and inherent skills of the workmen of Mizoram for delicate works, advocate in favour of development of this sector in Mizoram. The Department, therefore, propose to march ahead with the development of electronic industries in the State during the 8th Plan period.

7) Strengthening of organisational set up in the Department :

For proper management of huge activities to take place during the 8th plan period, strengthening of organisational set up is found extremely necessary. The Department, therefore, propose to strengthen the organisation as per the recommendation of Shri K.L.Nanjappa.

8) Development of mineral resources :

Development of mineral and allied Industries has got ample scope in Mizoram. Apart from that ground water development which has good potentiality in Mizoram can play an important role for solving the scarcity of drinking water as well as water for irrigation. The Department propose to intensity the activities in this field during the 8th Plan period.

9) In order to create more durable assets in the form of buildings and to create more conducive industrial environment, it is proposed to build a multi-storey building at Aizawl to house all the office and showrooms of the various corporations of the Department during the 8th Plan period.

10) As per the approach taken by the Department to the 8th plan under the guidelines of "Industrial Policy of Mizoram State, 1989, the schemes have been initiated for inclusion in the 8th Plan, irrespective of their nature whether spilled over or new schemes.

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- 11) The allocations proposed against the schemes are only tentative and subject to modification after working out the detailed programmes and suggestions made by the State Planning Board.
- 12) A few schemes which are promotional by nature and included under Village & Small Industries sector during the 7th Plan have been clubbed together and brought under the heading of a single scheme followed by sub-schemes for inclusion in the 8th Plan. This has been done in consideration of the similarity of their nature and hence for better understanding.
- 13) A statement showing the scheme-wise expenditure by the end of the 7th Plan period has been attached.
- 14) Out of 11 schemes initiated during the 7th Plan period under Large & Medium Industries Sector, five schemes have been dropped during the 7th Plan period itself after feasibility study. Two schemes namely Ginger Oil & Oleoresin Plant and Ginger Dehydration Plant at Sairang have been implemented and are required to be transferred to the Corporation for their commercial operation. The scheme of Pineapple Juice Concentrate was activated during the later part of the 7th plan and is, therefore, required to be spilled over to the 8th Plan for implementation by the Corporation. Medium Density Fibre Board Project which was initiated during 1988-89 is required to be spilled over to the 8th plan. This is a big project and proposed to be implemented separately under Large & Medium Sector.
- 15) Under Village & Small Industries, most of the schemes are promotional nature and therefore will continue during the 8th plan. The schemes of Raw Materials Depot has been dropped from the 8th plan, since, it is proposed to be taken up by ZIDCO.

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EXPENDITURE DURING THE 7TH. PLAN

(Rs. in lakhs)				
Sl. No.	Name of the Scheme	Approved outlay for 7th. Plan.	Actual expdr. during 89-90.	total expdr. during 7th. Plan.
1	2	3	4	5
A. LARGE & MEDIUM INDUSTRIES :				
1.	Plywood Factory	40.00	Dropped	-
2.	Ginger Oil & Oleoresin Plant.	70.00	18.19	125.30
3.	Mini Sugar Plant	12.00	Dropped	-
4.	Saw Mill cum Timber Seasoning Plant.	12.00	Dropped	-
5.	Maize Processing Unit	12.00	11.09	30.59
6.	Wooden Boat Mfg. Unit	14.00	Dropped	-
7.	Match Splints Mfg. Unit.	14.00	Dropped	0.15
8.	Ginger Dehydration Plant	20.00	0.74	18.77
9.	Pineapple Juice Concentrate Plant.	15.00	0.92	10.04
10.	Medium Density Fibre Board Mfg. Unit.	-	0.37	2.87
11.	Cement Clinker Grinding Unit.	-	Nil	6.63
TOTAL OF 'A'		200.00	31.31	200.15
B. VILLAGE & SMALL INDUSTRIES :				
1.	Rural Industrial Development Centre.	20.00	7.87	22.47
2.	Development of Industrial Infrastructure.	56.00	30.42	109.32
3.	Promotion of Village, Cottage & Tiny Industries.	10.00	3.00	9.96
4.	Interest Subsidy	12.00	Nil	0.33
5.	Power Subsidy	3.00	Nil	Nil
6.	Transport Subsidy	4.00	Nil	Nil
7.	Incentive/Subsidy Scheme.	-	20.75	20.75
8.	Grant-in-aid/Subsidy	20.00	2.00	10.31
9.	Industrial Loan/Hire Purchase.	25.00	10.00	45.00
10.	Entrepreneurial Development & Training.	4.00	2.00	5.51
11.	Industrial Information.	20.00	21.62	112.40

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Sl. No.	Name of the scheme	Approved outlay for 7th. Plan.	Actual expdr. during 09-90.	Total expdr. during 7th. Plan
1	2	3	4	5
12.	Khadi & Village Industries.	40.00	61.00	165.00
13.	Handicraft Industry	30.00	10.00	33.06
14.	Handloom Industry	10.00	49.00	110.14
15.	Strengthening of Administration.	90.00	30.00	140.66
16.	Zoram Industrial Development Corporation.	200.00	58.00	208.00
17.	Fruit Preservation Factory/Food Craft Institute.	14.00	Dropped	5.77
18.	Co-operation:	30.00	2.00	6.45
19.	Research, Design & Development.	5.00	1.00	3.67
20.	Raw Materials Depot.	25.00	1.00	24.04
21.	Agro Industrial Complex.	-	63.24	63.72
22.	Mizoram Electronics Development Corporation.	-	9.00	9.00
23.	Permanent Pavillion for Trade Fair.	-	4.90	8.70
24.	Development of Infra-structural Facilities in No Industry District.	-	28.55	70.55
25.	District Industries Centre.	-	23.06	31.53
TOTAL OF 'A'		650.00	430.41	1242.82
C. MINES & MINERALS :				
1.	Mines & Minerals	15.00	50.00	116.01
GRANT TOTAL OF 'A' & 'C'		665.00	511.72	1561.98

Scheme No. A - 1

Name of the Scheme : DEVELOPMENT OF FOOD & ALLIED INDUSTRIES
MIZORAM FOOD & ALLIED INDUSTRIES CORPORATION LIMITED
 (MFAIC)

A scheme namely Agro-Industrial Complex was initiated during the year 1980-89 with a view to forming a Corporation for the development of agro-horticulture based industries in Mizoram. As per approved annual Plan of 1989-90 a Corporation under the name and style as indicated above will be incorporated during 1989-90 with an authorised share capital of Rs. 10 crores divided into 10 lakhs Equity shares of Rs. 100.00 each. This corporation will henceforth take up all the agro-horticulture based projects of this Department for implementation and commercial operation. Most of our Projects taken up under Large and Medium Industries sector during the Seventh Plan are agro-horticulture based. Projects like Ginger Oil & Oleoresin Plant, Ginger Dehydration Plant, Maize Processing Unit have been completed and ready for commercial operation during 1990-91. Apart from that, Fruit Juice Concentrate Plant which is under implementation is required to be spilled over to the Eighth Plan for execution by MFAIC. Further, there are enough scope for setting up of different types of projects on the basis of locally produced fruits, tea, coffee, chillies, oil seeds, sugar cane, meat, dairy etc. This Corporation is proposed to take up various activities during the 8th Plan period for the development of agro-horticulture, forest and live-stock based industries in Mizoram.

Services of Central Food Technological Research Institute (CFTRI), Mysore were commissioned to study the prospect of Food and Agro based industries in Mizoram, and feasibility for setting up of a Corporation so as to take care of the development of Food and Allied industries in Mizoram was established.

CFTRI, Mysore, after conducting a detailed survey Mizoram, submitted a report with the recommendation to set up "Mizoram Food and Allied Industries Corporation" Prospective Industrial Projects to be set up by the said Corporation have been identified and included in the report.

In addition to setting up new projects, the said Corporation will take over all the departmental projects

already commissioned for their commercial operations well as the existing projects under implementation.

The Corporation will act as a model agency to promote and develop agro and food processing industry in Mizoram ensuring maximal utilisation of the resources and manpower of the state. In doing so, the Corporation will undertake training programmes, provide facilities for testing of food products and quality control, marketing facilities, and help private entrepreneurs setting up food based industries. The Corporation will also provide facilities for storage of all agro and horticulture products processed from farmers.

The list of industrial projects to be taken up by the Corporation as identified by CFTRI, Mysore is furnished as follows :-

(Rs. in lakhs)			
Sl. No.	Particulars	Appx. project cost 1 unit.	No. of units recommended. Total Project cost.
1.	Cold Storage (F&V)	20.93	4 83.72
2.	Alcohol from tapioca	68.90	2 137.80
3.	Tea Processing	37.00	2 74.00
4.	Oil seed processing unit	72.54	2 145.08
5.	Small Scale Tapioca starch Unit.	12.49	2 24.98
6.	Ginger products	41.50	2 83.00
7.	Spices Powder	19.69	2 39.38
8.	Potato dehydration Plant	37.75	1 37.75
9.	Mushroom Cultivation and processing	18.33	2 36.66
10.	Slaughter house and pork processing unit.	18.12	6 108.72
11.	n-trioctanol	11.50	1 11.50
12.	Leaf cup unit	3.96	10 39.60
13.	Jack Fruit Processing Unit	50.00	1 50.00
14.	New Maize Processing Unit	10.32	2 20.64
15.	Cattle Feed	55.99	2 111.98
		479.02	41 1004.81

For fulfilment of the objectives of the Corporation the CFTRI, has earmarked funds requirement as follows :-

1. Formation of Mizoram Food and Allied Industries Corporation Ltd. with all the Infrastructure.	-	Rs. 280.00 lakhs
2. Projects under implementation	-	Rs. 215.00 lakhs
3. New projects	-	Rs. 1005.00 lakhs
TOTAL :	-	Rs. 1500.00 lakhs

Financial allocation proposed during 8th Five Year Plan.

1990-91	-	Rs. 60.00 lakhs
1991-92	-	Rs. 90.00 lakhs
1992-93	-	Rs. 140.00 lakhs
1993-94	-	Rs. 150.00 lakhs
1994-95	-	Rs. 160.00 lakhs
		<u>Rs. 600.00 lakhs</u>

However, the Department wants to go steadily and slowly and therefore, propose financial allocation of Rs. 500.00 lakhs for the entire 8th Plan period as contribution towards share capital of the said Corporation.

Yearwise breakup of funds requirement is furnished as follows :-

TENTATIVE PROGRAMME OF WORK DURING THE EIGHTH FIVE YEAR PLAN - 1990-95

Sl. No.	Description of the works.	Rs. in lakhs.					Outlay Total 90-95
		90-91	91-92	92-93	93-94	94-95	
1.	Establishment of Organizational set up and related expdr.	15.00	10.00	10.00	10.00	15.00	60.00
2.	Construction of Office Building.	-	20.00	20.00	10.00	-	50.00

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Sl. No.	Description of the works.	Break up of Financial outlay.					Total 90-95
		90-91	91-92	92-93	93-94	94-95	
3.	Establishment of training centre for manpower development.	-	5.00	10.00	-	-	20.00
4.	Testing & Quality Control Laboratory.	-	5.00	10.00	5.00	-	20.00
5.	Completion of Projects under implementation and operation of existing Project.	45.00	40.00	20.00	5.00	5.00	115.00
6.	Setting up of new Industrial Projects.	-	-	40.00	75.00	80.00	195.00
7.	Setting up of Agro-Industrial Complex.	-	10.00	30.00	45.00	60.00	145.00
Share capital contribution required to be made.		60.00	90.00	140.00	150.00	160.00	600.00

Scheme No. A-2

Name of the Scheme : MEDIUM DENSITY FIBRE BOARD MANUFACTURING UNIT.

For the optimum utilisation of bamboo reserves in Mizoram, the above scheme was initiated during 1980-89. Necessary allocation was approved by the Planning Commission for feasibility study and preparation of project report. The consultants appointed by the Government has already submitted the Final Project Report. The salient feature of the report are as follows :-

- 1- Location - Bairahi Village in Aizawl District.
2. Products Basic - Medium Density Fibre Board.
3. Raw Material - Bamboo
4. Utilities Requirement :
 - a) Water - 6,00,000 Litres/day
 - b) Power - 6,000 KVA
5. Installed Capacity - 49,500 Tonnes per annum
6. Production Capacity - 39,600 Tonnes per annum
7. Working days - 330 per annum
8. Project cost :
 - a) Land & site development. - B. 0.550 acres

8. b) Building & Civil works	- Rs. 2.600 crores
c) Plant & Machinery :	
i) Imported	- Rs. 24.20 crores
ii) Indegenous	- Rs. 11.55 crores
d) Other assets	- Rs. 0.430 crores
e) Technical consultancy	- Rs. 2.000 crores
f) Preliminary & contingencies.	- Rs. 3.950 crores
g) Provision for contingencies.	- Rs. 4.200 crores
h) Margin Money for working capital.	- Rs. 1.150 crores
<u>Total Project Cost</u>	<u>- Rs. 51.51 crores</u>

9. Proposed Financing Pattern :	
a) Share Capital	- Rs. 25.50 crores
b) Central Subsidy	- Rs. 0.25 crores
c) Termn Loan from Financial Institution	- Rs. 25.76 crores
<u>Total Finances</u>	<u>- Rs. 51.51 crores</u>

10. Debt - Equito Ration - 1 : 1

11. Employment :

a) Finance & Adminis- tration.	- 75 nos.
b) Production	- 225 nos.
<u>TOTAL</u>	<u>- 290 nos.</u>

12. Break Even Point :

a) At 80% capacity utilisation.	- 57.05 %
b) At 100 % capacity utilisation	- 45.64 %

13. Implementation Period - 3 years.

14. Turnover & selected Ratios :-

	<u>1st yr.</u>	<u>2nd.yr.</u>	<u>3rd. yr</u>	<u>4th.yr</u>	<u>5th.yr.</u>
a) Turnover -	23.48	28.42	32.50	32.50	32.50
b) <u>Selected Ratios</u> :			3rd. yr	4th.yr	5th.yr
i) Profit before Tax			24.24 %	26.71 %	23.35 %
ii) Profit after Tax to share capital.			19.01 %	20.95 %	22.86 %

As recommended by the Consultant, a separate company is required to be incorporated for implementation and commercial operation of this project. It may be difficult for the State Government of Mizoram to bear the huge equity capital of Rs. 25.56 crores. In order to solve the problem it may be considered to implement the Project in a Joint Sector in which the Mizoram Government may bear only 51 % of the share capital. In that case we need only about Rs. 13.00 crores to bear from the State Government side. Even if this particular Project cannot be implemented we have to implement a Project using bamboo as raw material, eg. Pulp manufacturing Plant or even a smaller scheme like Particle Board during the 8th Plan period.

As suggested by the working group of Planning Commission, further investigation on this Project is to be carried out during 1990-91 and for which a taken provision of Rs. 5.00 lakhs has been approved during 1990-91. In anticipation of favourable findings on this project, the allocation of funds during the 8th Plan period is proposed as follows :

	R. in lakhs					
	90-91	91-92	92-93	93-94	94-95	Total
Share capital						
Contribution.	5.00	23.00	260.00	350.00	264.00	902.00

D. VILLAGE & SMALL INDUSTRIES

Scheme No. D - 1

Name of the scheme : COMMON FACILITY CENTRE

Rural Industrial Development Centre has been established at Aizawl in collaboration with HMT Ltd. during Seventh Plan period. This is a multi-disciplinary workshop which will be operating as a training cum common facility centre and help developing skilled worker in addition to rendering service facilities to the local SSI Units. This will operate under the administrative control of District Industries Centre.

This workshop facilities are not available in Lunglei and Chhimitupui Districts. If two such workshops are established one at Lunglei and the other at Saiha, will render enormous services to the local SSI Units in these two districts. It will help developing skilled manpower needed by the SSI Units established in these two districts. The Department therefore propose to set up two Common Facility Centres which will be of smaller scale than the RILC. An amount of Rs. 40.00 lakhs

-- At the rate of Rs. 20.00 lakhs per district will be required during the Eighth Plan period for their establishment. The year-wise break up of funds requirement is furnished below :-

TENTATIVE PROGRAMME OF WORKS DURING THE EIGHTH
FIVE YEAR PLAN 1990 - 95

		Rs. in lakhs					
Sl. No.	Description of works	Break up of Financial outlay					Total
		90-91	91-92	92-93	93-94	94-95	
1	2	3	4	5	6	7	8
<u>1. Common Facility Centre Lunglei</u>							
a)	Land development	0.50	-	-	-	-	0.50
b)	Construction of building.	2.00	-	-	-	-	2.00
c)	Electrical installation, water supply, sanitation etc.	0.50	-	-	-	-	0.50
d)	Plant & Machinery, tools & impliments.	1.00	3.00	3.00	1.50	2.00	10.50
e)	Installation & commissioning.	-	-	0.50	0.50	-	1.00
f)	Creation of Posts - 6 nos. & appointment of staffs.	-	-	0.50	1.00	1.50	3.00
g)	Maintenance	-	-	-	1.00	1.50	2.50
<u>2. Common Facility Centre, Saiha.</u>							
a)	Land development	0.50	-	-	-	-	0.50
b)	Construction of bldg.	2.00	-	-	-	-	2.00
c)	Electrical installation, water supply, sanitation.	0.50	-	-	-	-	0.50
d)	Plant & Machinery	1.00	3.00	3.00	1.50	2.00	10.50
e)	Installation & Commissioning.	-	-	0.50	0.50	-	1.00
f)	Creation of posts- 6 nos. and appointment of staffs.	-	-	0.50	1.00	1.50	3.00
g)	Maintenance	-	-	-	1.00	1.50	2.50
Total requirement :		0.00	6.00	8.00	8.00	10.00	40.00

Scheme No. B-2

Name of the scheme : PROMOTION OF VILLAGE, COTTAGE, TINY INDUSTRIES.

This programme is designed to promote tiny and village Industries in rural areas.

The scheme is proposed to be continued during the Eighth Five Year Plan so as to provide assistance to rural artisans, to set up cottage Scale Industry.

PROGRAMME FOR THE 8TH PLAN :

To assist rural artisans with grant-in-aid (in cash or in kind)

YEAR-WISE PROGRAMME :

Particulars.	90-91	91-92	92-93	93-94	94-95
Assistance to rural artisans families.	300 nos.	500 nos.	500 nos.	500 nos.	500 nos.

YEAR-WISE FINANCIAL REQUIREMENT (Rs. in lakhs)

Particulars.	90-91	91-92	92-93	93-94	94-95	Total
Grants-in-aid (in cash or in kind) to rural artisans families.	3.00	5.00	5.00	5.00	5.00	23.00

Total financial requirement for the Plan period Rs. 25.00 lakhs.

Scheme No. B-3

Name of the scheme : HIRE PURCHASE OF MACHINERY

The main purpose of this scheme is to give credit loans to the SSI Units and artisans for expansion of the existing units and for the establishment of new Units.

285 units have been assisted under the scheme during 1985-89 with an amount of Rs. 35.00 lakhs.

The scheme, being a promotional nature, is proposed to be continued in the 8th Five Year Plan so as to assist the artisans in expansion of their existing units or to establish new units in rural and semi urban area.

PROGRAMME FOR THE 8TH PLAN :

To give credit loans/machineries on hire purchase to rural artisans families - 400 families.

YEAR-WISE PROGRAMME :

1990-91	91-92	92-93	93-94	94-95	Total
100 nos.	100 nos.	100 nos.	100 nos.	125 nos.	425 nos.

YEAR-WISE FINANCIAL REQUIREMENT (Rs. in lakhs)

1990-91	91-92	92-93	93-94	94-95	Total
15.00	15.00	20.00	20.00	25.00	95.00

Scheme No. B-4

Name of the Scheme : ENTREPRENEURIAL DEVELOPMENT & TRAINING

The purpose of this scheme is to impart training to the officers and staffs of the Department for upgradation of their knowledge and working efficiency as well as develop entrepreneurship and necessary skill of industrial workers at the level of private entrepreneurship.

In this connection, it can be mentioned that the Industrial Development Bank of India has initiated to set up one Training cum Development Centre at Zuangtui Industrial Estate, Aizawl. This training scheme will substitute the Training Programme of the said Institute of I.D.B.I. and make necessary co-ordination with other training agencies in the country for the development of necessary manpower required for industrial development in Mizoram. During the Eighth Five Year Plan the Department propose to implement the following training programmes.

1. Training of Officers and Staffs of the Department.
2. Entrepreneurship Development Programme.
3. Technical training for industrial workers of private Industrial Units.

PROGRAMME OF WORKS DURING THE EIGHTH
FIVE YEAR PLAN - 1990-95

Sl. No.	Description of works	Rs. in lakhs					Total 90-95
		Break up of Financial outlay					
		90-91	91-92	92-93	93-94	94-95	
1.	Training of officers and staffs @ 10 Nos/year.	1.00	1.00	1.00	1.00	1.00	5.00
2.	Entrepreneurship Development. EDP training will be provided @ 100 entrepreneur/year.	2.00	2.00	2.00	2.00	2.00	10.00
3.	Technical training for industrial workers of private industrial units. In plant training will be provided @ 30 workers/year.	1.00	1.00	1.00	1.00	1.00	5.00
Total requirement :		4.00	4.00	4.00	4.00	4.00	20.00

Scheme No.B-5

Name of the Scheme: INDUSTRIAL INFORMATION

The main items under this scheme are:-

- (1) Opening of Statistical Cell in the Headquarter office.
- (2) Organising and participating in Fairs and Exhibitions and Industrial Tours.
- (3) Dissemination of Informations.

1. Opening of Statistical Cell in the Headquarter Office:

Proper maintenance of statistical figures and records is required for informations and future planning. It is therefore proposed to create statistical cell in the Directorate with appropriate manpower.

2. Fairs & Exhibition :

Under this sub-scheme the Department has been participating in Industrial Exhibitions and Trade Fairs. In addition, the Department also organises Exhibitions within the state and Industrial Tours outside the state.

3. Dissemination of Informations

This will include publication of Industrial statistical booklets, incentive/facility scheme booklets, compilation of model scheme, making of documentary films and film shows, advertisement etc.

WORK PROGRAMMES DURING THE EIGHTH FIVE YEAR PLAN 1990-95

Sl. No.	Description of works	Break up Financial outlay					Total
		90-91	91-92	92-93	93-94	94-95	
Rs. in lakhs							
1.	<u>Statistical Cell:</u>						
a)	Creation of posts and appointment of staffs.	2.00	2.00	3.00	3.00	3.00	13.00
	i) Statistical Officer (Rs.2200-4000/-)-1 No						
	ii) Statistical sett. (Rs.1640-2900/-)-1 No						
	iii) U.D.C. (Rs.1400-2900/-)-1 No						
b)	Contingency						
2.	Fairs and Exhibition Organising/participation @ one/year.	6.00	6.00	9.00	13.00	13.00	47.00
3.	Dissemination of Information, Publicity advertisement, printing of booklets, brochure etc.	2.00	2.00	3.00	4.00	4.00	15.00
<u>Total requirement :</u>		<u>10.00</u>	<u>10.00</u>	<u>15.00</u>	<u>20.00</u>	<u>20.00</u>	<u>78.00</u>

Scheme No.B-6

Name of Scheme : CO-OPERATION

This is a promotional scheme for the promotion of Industries in the Co-operative sector.

94 Industrial Co-operative Societies have been assisted with managerial assistance and rebate on sales during 1985-89.

It is proposed to continue this scheme during the 8th Five Year Plan.

Yearwise target is as below :-

Particulars	90-91	91-92	92-93	93-94	94-95	Total
1. Managerial assistance to Industrial Co-operative Societies.	20 Nos	40 Nos	40 Nos	40 Nos	40 Nos	180 Nos
2. Rebate on sales to Industrial co-operative Societies	20 Nos	40 Nos	40 Nos	40 Nos	40 Nos	180 Nos

Year-wise financial requirement (Rs. in lakhs)

Particulars	90-91	91-92	92-93	93-94	94-95	Total
1. Managerial assistance to Industrial Co-operative Societies.	1.00	2.00	2.00	2.00	2.00	10.00
2. Rebate on sales to Industrial Co-operative Societies.	1.00	2.00	2.00	2.00	2.00	10.00
	2.00	4.00	4.00	4.00	4.00	18.00

Total financial requirement-Rs.18.00 lakhs.

Scheme No.B-7

Name of Scheme : RESEARCH, DESIGN & DEVELOPMENT

This is a scheme meant for conducting industrial research and improvement on traditional designs in handloom and handicraft products, testing of rock, tea processing techniques, research on medicinal plants.

It is proposed to continue this scheme during 8th Five Year Plan.

Year wise financial requirement (Rs. in lakhs)

<u>90-91</u>	<u>91-92</u>	<u>92-93</u>	<u>93-94</u>	<u>94-95</u>	<u>TOTAL</u>
2.00	2.00	2.00	2.00	2.00	10.00

Total financial requirement - Rs. 10 lakhs.

Scheme No. B-8

Name of the scheme : INCENTIVES/SUBSIDY TO INDUSTRIES

The existing incentives/subsidy schemes are Interest Subsidy, Power Subsidy, Transport Subsidy, Grants-in-aid/subsidy which are operating as Plan schemes of this Department. The Industrial Policy of Mizoram State 1989 has announced a cluster of incentives schemes for the development of industries in Mizoram. All the existing schemes are therefore clubbed together alongwith the other incentives announced by the Government under the said Industrial Policy.

The incentives/subsidy which are proposed to be operated during the 8th Five Year Plan are summarily described as follows :-

A. EXISTING SCHEME :

1. Interest Subsidy : Under this scheme SSI Units will be eligible to claim 4% subsidy on interest charged by financial institution for term and working capital loan for a period of 5 yrs. from the date of commissioning.
2. Power Subsidy : Subsidy will be available on the cost of industrial power consumption at the rate of 60% by small scale units, 50% by medium scale units and 30% by large scale units for a period of 5 yrs. from the date of commission.
3. Transport Subsidy : Under this scheme subsidy at the rate of 50% on the cost of transportation of capital goods from the location of purchase to the location of units will be available to industrial units.

4. Grant-in-aid : This scheme has been operating successfully for more than a decade to help the artisan oriented units in the rural areas. Grants/subsidy are given to the artisans in the form of tools and implements etc. up to a limit of Rs.1000/-

B. NEW INCENTIVES :

1. Re-imbusement of the cost of Project Report :

Re-imbusement of the cost of preparation of Project Report prepared by agencies approved by the State Govt. will be made after effective steps are taken by the entrepreneurs as follows :

- i) 90% in case of tiny units subject to a ceiling of Rs.5000/- per unit.
- ii) 75% in case of small scale and ancillary units subject to a ceiling limit of Rs.25,000/- per unit.
- iii) 50% in case of medium and large units subject to a ceiling limit of Rs.50,000/- per unit.

2. Land Subsidy :

- i) The State Government will endeavour to allot land to new industrial units excepting Village and Cottage Industries. The State Government shall give special consideration for the allotment of Government land for industrial purpose.
- ii) The Developed land in the Industrial Growth Centres will be allotted to the eligible units in accordance with the procedures prescribed by the implementing authority and 25% of the cost of the land will be subsidised by the State Government for Small Scale Units and the remaining amount will be recovered in 15 equal annual installments. The allotted land will be permitted to be utilised by the units for mortgage purposes for raising loan from banks and financial institutions.

- iii) In regards to undeveloped land allotted to an entrepreneur within the declared industrial estate the cost of the land will be covered in 15 equal annual installments from tiny, small, ancillary, medium or large industries. As for small and tiny units the State Government will reimburse 25% of the actual amount spent by them in development of such allotted land.
- iv) The allotment of land above mentioned to a non-Mizo/non-tribal entrepreneur will be subject to the relevant provisions of laws, rules and regulations dealing with the subjects.
3. Factory Rent Subsidy to Small Scale Industries Units :
Built up Factory sheds in the Industrial Estates will be allotted to entrepreneur of the small scale and tiny sectors on monthly rent basis and the State Government will reimburse 50% of the duly assessed rent for the period of 5 years from the date of commercial production.
4. Subsidy on Manpower Development :
The industrial units which are already gone into production sending their workers outside the State for managerial and technical training for upgradation of their skills to Government recognised institution or registered/licensed industrial unit shall be given subsidy provided that they give undertaking to the effect that all such trained workers will continue to be employed by them after their training. 50% of the actual expenditure with upper ceiling limit of Rs.3000/- per trainee will be reimbursed subject to Rs.25,000/- per unit for three years.
5. Subsidy on drawal of Power Lines :
50% of the cost incurred on drawal of electric power lines from the main line to the factory shed will be subsidised subject to a ceiling of Rs.50,000/- for each industrial unit.

6. Subsidy on Power Generating set :

50% of the cost of generating set actually purchased by the industrial Unit will be subsidised subject to a maximum of Rs.3.00 lakhs for purchase and installation of captive generating sets. The Units will also not be liable to pay electricity duties on power generated by captive generating set and used for production purposes in such units.

The financial provision which will be required for operation of all the foresaid schemes during the 8th Five Year Plan will be to the tune of Rs.200.00 lakhs.

YEARWISE TARGET AND BREAK UP OF FINANCIAL OUTLAY DURING THE EIGHTH FIVE YEAR PLAN 1990-95

Sl. No.	Description	Yearwise breakup					Total
		90-91	91-92	92-93	93-94	94-95	
1.	Physical Target for no. of beneficiaries under the scheme.	125 nos	200 nos	200 nos	250 nos	250 nos	1025 nos
2.	Financial outlay in Rs.lakhs.	25.00	40.00	40.00	50.00	50.00	205.00

Scheme No. B-9

Name of the Scheme: HANDLOOM AND HANDICRAFT INDUSTRIES

A. HANDLOOM INDUSTRY:

In the Industrial Policy of Mizoram State, handlooms and handicrafts are identified as second priority industries in view of the prospect for creating employment and self-employment. There is good market prospect of Mizoram handloom and handicraft products within and outside the country. It is therefore found necessary to give special thrust to spread the activities in handloom and handicrafts in the State and to obtain the human skill and technology for the benefit of the weavers and the craftsman. Handloom weaving has been

-- gradually replacing the traditional practice of loom weaving in the state which is required to be intensified during the 8th Five Year Plan.

During the 8th Five Year Plan, the following schemes will be implemented :-

1. STRENGTHENING OF ADMINISTRATION :

During the 7th Plan period a separate wing of Handloom & Handicraft headed by a Joint Director of Industries has been created within the Directorate of Industries. It is proposed to raise the status of that wing to the level of a full-fledged Directorate during the 8th Plan period. Under the proposed Directorate, District level offices are also proposed to be opened so that the Directorate of Handloom & Handicraft can exclusively look after the development of handloom and handicrafts in the State.

The proposal for creation of necessary posts and appointment thereof both at the level of headquarters and districts are as follows :-

DIRECTORATE OF HANDLOOM AND HANDICRAFT :

1. Director of Handloom & Handicraft (4500-5700)	- 1 No.
2. Asstt. Director of Handloom (2200-4000)	- 1 No.
3. Asstt. Director of Handicraft (2200-4000)	- 1 No.
4. Office Superintendent (2200-4000)	- 1 No.
5. Extension Officer (1600-2660)	- 1 No.
6. U.P.C. (1400-2600)	- 3 Nos.
7. L.P.C. (1200-1800)	- 3 Nos.
8. Driver (950-1500)	- 2 Nos.
9. Grade-IV (775-1025)	- 5 Nos.
	<u>18 Nos.</u>

The above establishment is proposed to be created during the first year of the 8th Five year Plan. The year-wise requirement of funds for meeting the pay and allowances, office contingencies, furniture, fixture, vehicles, maintenance, etc. is furnished as follows :-

6. Subsidy on Power Generating set :

50% of the cost of generating set actually purchased by the industrial Unit will be subsidised subject to a maximum of Rs.3.00 lakhs for purchase and installation of captive generating sets. The Units will also not be liable to pay electricity duties on power generated by captive generating set and used for production purposes in such units.

The financial provision which will be required for operation of all the foresaid schemes during the 8th Five Year Plan will be to the tune of Rs.200.00 lakhs.

YEARWISE TARGET AND BREAK UP OF FINANCIAL OUTLAY DURING THE EIGHTH FIVE YEAR PLAN 1990-95

Sl. No.	Description	Yearwise breakup					Total
		90-91	91-92	92-93	93-94	94-95	
1.	Physical Target for no. of beneficiaries under the scheme.	125 nos	200 nos	200 nos	250 nos	250 nos	1025 nos
2.	Financial outlay in Re.lakhs.	25.00	40.00	40.00	50.00	50.00	205.00

Scheme No. B-9

Name of the Scheme: HANDLOOM AND HANDICRAFT INDUSTRIES

A. HANDLOOM INDUSTRY:

In the Industrial Policy of Mizoram State, handlooms and handicrafts are identified as second priority industries in view of the prospect for creating employment and self-employment. There is good market prospect of Mizoram handloom and handicraft products within and outside the country. It is therefore found necessary to give special thrust to spread the activities in handloom and handicrafts in the State and to obtain the human skill and technology for the benefit of the weavers and the craftsman. Handloom weaving has been

gradually replacing the traditional practise of loom weaving in the state which is required to be intensified during the 8th Five Year Plan.

During the 8th Five Year Plan, the following schemes will be implemented :-

1. STRENGTHENING OF ADMINISTRATION :

During the 7th Plan period a separate wing of Handloom & Handicraft headed by a Joint Director of Industries has been created within the Directorate of Industries. It is proposed to raise the status of that wing to the level of a full-fledged Directorate during the 8th Plan period. Under the proposed Directorate, District level offices are also proposed to be opened so that the Directorate of Handloom & Handicraft can exclusively look after the development of handloom and handicrafts in the State.

The proposal for creation of necessary posts and appointment there of both at the level of headquarters and districts are as follows :-

DIRECTORATE OF HANDLOOM AND HANDICRAFT :

1. Director of Handloom & Handicraft(4500-5700)	- 1 No.
2. Asstt. Director of Handloom (2200-4000)	- 1 No.
3. Asstt. Director of Handicraft (2200-4000)	- 1 No.
4. Office Superintendent (2200-4000)	- 1 No.
5. Extension Officer (1600-2660)	- 1 No.
6. U.D.C. (1400-2600)	- 3 Nos.
7. L.D.C. (1200-1800)	- 3 Nos.
8. Driver (950-1500)	- 2 Nos.
9. Grade-IV (775-1025)	- 5 Nos.
	<u>10 Nos.</u>

The above establishment is proposed to be created during the first year of the 8th Five year Plan. The year-wise requirement of funds for meeting the pay and allowances, office contingencies, furniture, fixture, vehicles, maintenance, etc. is furnished as follows :-

Year-wise proposed outlay (Rs. in lakhs)

	90-91	91-92	92-93	93-94	94-95	Total
Directorate of Handloom & Handicrafts	3.50	5.45	7.50	9.00	11.00	36.45

2. OPENING OF DISTRICT LEVEL OFFICES :

It is proposed to open 3 District Level Office in the District headquarters of Mizawl, Lunglei and Saiha.

The requirement of Officers and staffs for the 3 districts taken together is furnished as under :

1. District Handloom & Handicraft Officer (Head of the Office) (2200-4000)	- 3 Nos.
2. Extension Officer (1600-2660)	- 6 Nos.
3. Head Assistants (1640-2900)	- 3 Nos.
4. U.D.C. (1400-2600)	- 6 Nos.
5. L.D.C. (1200-1800)	- 3 Nos.
6. Driver (950-1500)	- 3 Nos.
7. Grade-IV (775-1025)	- 9 Nos.
	<u>33 Nos.</u>

It is proposed to create the above posts during the first year of the 8th Five Year Plan.

Year-wise proposed outlay (Rs. in lakhs)

	90-91	91-92	92-93	93-94	94-95	Total
District Offices	7.55	8.60	9.55	12.05	14.05	51.80

3. DEVELOPMENT SCHEMES :

(1) Distribution of frame looms to the weavers as outright grant to 2000 persons at the rate of 400 per year.

(2) To train 350 persons in fly shuttle loom weaving at the rate of 70 persons per year. 4 Training Centres will be established in rural areas.

(3) To grant managerial subsidy to handloom co-operatives and financial assistance to individual units in the form of subsidy 2000 units at the rate of 400 units per year is proposed to be benefited.

(4) Man-power development : To train 15 persons in handloom diploma and certificate course outside Mizoram.

- (5) To grant rebate on sales of local handloom products.
- (6) To strengthen Weavers Service Centres in rural areas by constructing staff quarters.
- (7) There are schemes sponsored by the Central Government to be equally funded by the State Government as matching contribution. Some funds are therefore necessary.
- (8) To hold/Participate in Fair and exhibition within and outside the State at the rate of at least one in a year.

(9) Handloom Complex, Thenzawl :

A cluster of handloom industries is being developed at Thenzawl where all the modernisation process is going on. For the purpose of technology upgradation and improvement in handloom designs some provisions are required during the 8th Plan period.

(10) Study Tour for expert Weavers of Mizoram to the advanced States where handloom are very much developed.

(11) Handloom Training Complex, Luangmual:

The existing Training Centre at Luangmual, Aizawl will be improved by construction of more building and staff quarters.

SUMMARY OF THE WORK PROGRAMMES AND BREAK UP OF FINANCIAL OUTLAY DURING 8TH PLAN PERIOD 1990-95.

		Rs. in lakhs					
Sl. No.	Name of Departmental Scheme.	90-91	91-92	92-93	93-94	94-95	Total
1	2	3	4	5	6	7	8
A. DIRECTION & ADMINISTRATION							
1.	Directorate of Handloom & Handicrafts & District Offices (3Nos).	12.00	16.00	10.00	19.00	20.00	85.00

B. HANDLOOMS :

1.	Distribution of frame looms.	8.00	8.00	10.00	10.00	10.00	46.00
2.	Artisan Training	8.00	4.00	4.00	4.00	4.00	24.00
3.	Managerial/Financial assistance.	4.00	4.00	4.00	4.00	4.00	20.00
4.	Man-power Development.	1.00	1.00	1.00	1.00	1.00	5.00
5.	Rebate on sales	5.00	6.00	6.00	7.00	7.00	31.00
6.	Strengthening of Weavers Service Centres.	4.00	4.00	2.00	2.00	2.00	14.00
7.	Matching contribution central schemes.	2.00	4.00	4.00	4.00	4.00	18.00
8.	Fair/Exhibition	4.00	4.00	4.00	4.00	4.00	20.00
9.	Handloom Complex, Thenzawl.	8.00	8.00	8.00	6.00	6.00	36.00
10.	Study Tour	1.00	1.00	1.00	1.00	1.00	5.00
11.	Handloom Training Complex, Luangmual.	10.00	10.00	8.00	8.00	7.00	43.00
TOTAL:-		67.00	70.00	70.00	70.00	70.00	347.00

B. HANDICRAFT INDUSTRY :

1. Training Centre in Knitting & Tailoring, Lunglei
The scheme started during the 7th Plan Period will be spilled over to the 8th Five Year Plan.
2. Man-power development : To develop skilled man-power there is a need to establish at least four training centres in the rural areas in the trade of cane and bamboo crafts.
3. There are schemes sponsored by the Central Government to be equally matched by the State Government for which fund is to be provided.
4. To hold/participate Fair/Exhibition within and outside the State.
5. To grant rebate on sale of local handicraft products to the craftsmen.
6. For encouragement of village artisans and craftsmen, grants-in-aid will be given to about 1600 craftsmen during the 8th Plan.
7. Study tour will be conducted for the craftsmen to visit other places outside the State.

LIST OF WORKS PROGRAMME AND BREAK-UP OF FINANCIAL
OUTLAY DURING THE FIVE YEAR PLAN 1990-95.

Sr. No.	Name of the schemes	90-91	91-92	92-93	93-94	94-95	Total
1.	Training Centre in Knitting & Tailoring.	1.50	1.50	1.50	1.50	1.50	7.50
2.	Man-Power Development.	8.00	8.00	4.00	3.00	3.00	26.00
3.	Matching contribution for Central Scheme.	2.00	2.00	2.00	2.00	2.00	10.00
4.	Fairs/Exhibition.	1.00	1.00	2.00	2.00	2.00	8.00
5.	Rebate on Sales	1.00	1.00	2.00	3.00	3.00	10.00
6.	Grant-in-aid	2.00	2.00	4.00	4.00	4.00	16.00
7.	Study Tour	0.50	0.50	0.50	0.50	0.50	2.50
TOTAL :-		16.00	16.00	16.00	16.00	16.00	80.00
GRAND TOTAL OF A&B		Rs. 427.00 lakhs.					

Scheme No-B-10

Name of the scheme: MIZORAM HANDBLOOM & HANDICRAFT DEVELOPMENT CORPORATION LTD.

The Mizoram Handloom and Handicraft Development Corporation incorporated under the Company's Act, 1956 on the 20th December 1980 as the main objective to develop, aid, advise, assist, protect and promote the interest of Handloom and Handicraft units under the state of Mizoram.

In order to fulfil as far as possible the Objectives aforementioned the Corporation is embarked upon implementation of the following proposed schemes :-

(1) Construction of Corporation Office-cum-Showroom building at Aizawl :

Even though the office will initially start either on rented building or in some of the room of the Industries Directorate there is necessity to have own building to accommodate the headquarters office of the Corporation, Show-room, godown etc. It is proposed that

during the 8th Five Year Plan Corporation office-cum-showroom building should be constructed at Aizawl. As for the land Directorate of Industries will be approached to provide a suitable land of the Department.

(2) Tribal Handloom Development Project : The project report prepared by expert consultant namely North-eastern Industrial Consultant Ltd. Imphal, branch at Aizawl with the project cost of Rs. 513.12 lakhs was already submitted to the Government of India, Ministry of Textile. The same is under active consideration of the Development Commissioner, Handloom, Ministry of Textile. The funding pattern of the project will be 50:50 between Central Government and State Government. In the Project centres are to be opened at Aizawl, Kolasib, Thanzawl, Champhai, Lunglei and Saiha during the 8th Plan period. The first phase will be opening of centres at Aizawl, Kolasib and Thanzawl. In the second phase the centres will be opened at Champhai, Lunglei and Saiha. Thus the project will also include production and marketing of the handloom products.

(3) Procurement of raw-materials : Since the timely availability of sufficient raw materials at reasonable price in Mizoram for the benefit of handloom weavers is a problem, the Corporation will take up procurement of necessary raw-materials. Required specification of yarn of different kinds of colours etc. will be procured directly from the manufacturers and also from the National Handloom Development Corporation. These raw materials will be stocked in Raw-materials Depots at Aizawl headquarters godown. If possible branch Depots may be opened at such places as Kolasib, Aizawl, Thanzawl, Champhai, Lunglei and Saiha. These raw-materials will be sold directly to the weavers at a reasonable rate. For procurement of raw materials a working capital will be required. Even though working capital loan will be taken from Financial institutions a revolving capital will be necessary to be contributed by the Corporation out of share capital.

(4) Procurement of looms and Accessories : In order to supply improved looms and necessary accessories to local weavers at a reasonable rate the Corporation will make necessary arrangement for procurement of improved

looms and accessories. This is considered necessary because there is no expert agency in Mizoram at present to deal with - supply of looms and accessories. The Corporation will contact expert outside the state and procure the looms and accessories and supply the same to local weavers at different centres in the state.

(5) Production of Handloom & Handicraft :

The mode of operation for production of Handloom and Handicraft items in the state will initially be through existing local small scale and cottage industries. The Corporation will supply raw materials to identified and adopted industries. The adopted industries will produce the materials as per specification, design and colour etc. given by the Corporation. After completion the same will be collected by the Corporation and working charges will be paid by the Corporation to the Units. This will give industrial home-work to local handloom and handicraft units.

In addition to the above method the Corporation will consider opening of one production centre at Aizawl during the 8th plan period. The production centre will require a land, building, plants and machineries and essential staffs.

(6) Marketing of finished product :

The Corporation will open Emporium at Aizawl, Lung- lei and Saiha inside the state. Outside the State it will open Emporium at Delhi, Calcutta and Shillong in phases. The first phase will be opening of emporia at Aizawl and Delhi. If possible in the second phase we will consider opening of emporia at Lung- lei and Saiha. In the third phase we will consider opening of emporia at Calcutta and Shillong.

(7) Design Cell :

Since the existing traditional handloom and handicraft products of Mizoram in its present design and specification will not be able to attract national and international market it will be necessary to find out suitable new designs, colour combination, specification, quality etc, to suit wider market. However, the basic Mizo colour and design will be retained. Different items of products will be designed with basic Mizo colour combinations so that the items will be useable to

different sections of the people inside ^{and} outside the country, In order to fulfil this objective the Corporation may set up a small Research, Development and Design Cell. The Cell will be very small and technical staff will be required. There will be recurring and as well as non-recurring for this particular scheme.

(8) Exhibition, Advertisement and Study Tours

Through an occasional exhibition to be organised inside and outside the state and also through various types of advertisements the local handloom and handicraft units will be given encouragement and assistance. Besides, the Corporation will organise occasional study tour in order to find out more appropriate technology as well as suitable market avenue inside and outside the country. For example, Study Tour to south and south-east Asian countries will be very benefited by the Corporation because appropriate technology and market avenues are likely to be available in those countries in regards to bamboo-based handicraft items as well as handloom designs and natural fibres such as Pineapples fibre etc.

(9) Office Assets, Equipments and Furniture :

The Corporation has to establish its own office with necessary office equipments, assets and furniture. The Mizoram Handloom & Handicraft Development Corporation has an authorised share capital of Rs. 100.00 lakhs only. This will be increased upto Rs. 10.00 crores during the 8th Plan period. So far only a sum of Rs. 42.50 lakhs has been contributed by the State Government till 1989-90. A sum of Rs. 2.00 lakhs has been sanctioned by the Development Commissioner, Handicraft as a Central Share till 1988-89.

As normally it is the financial pattern of Corporation of the afore-mentioned, required fund will be made from the share capital contribution to be borne by the State Govt. of Mizoram as well as the Central Govt. In addition to the share capital contribution the Corporation will consider taking of Working Capital Loan from Financial Institutions at least to the tune of Rs. 50.00 lakhs during 8th Plan period.

Therefore, required fund in the form of share capital contribution from the State Govt., during the 8th plan period will be as follows :-

SHARE CAPITAL :		(Rs. in lakhs)					
S1.	No. Name of Scheme	90-95	90-91	91-92	92-93	93-94	94-95
1.	Construction of Office-cum-show room building.	40.00	15.00	15.00	10.00	-	-
2.	Tribal Handloom Dev. Project.	176.00	32.00	32.00	32.00	40.00	40.00
3.	Procurement of Raw Materials.	33.00	6.00	6.00	7.00	7.00	7.00
4.	Procurement of looms and accessories.	33.00	6.00	6.00	7.00	7.00	7.00
5.	Production of Handlooms & Handicraft.	33.00	6.00	6.00	7.00	7.00	7.00
6.	Marketing of finished products.	35.00	6.00	6.00	7.00	8.00	8.00
7.	Design Cell	25.00	4.00	4.00	5.00	6.00	6.00
8.	Exhibition, Advertisement & Study tour.	20.00	4.00	4.00	4.00	4.00	4.00
9.	Office Assets, Equipments and Furnitures.	15.00	3.00	3.00	3.00	3.00	3.00
TOTAL :		410.00	82.00	82.00	82.00	82.00	82.00

Scheme No.D-11

Name of the Scheme : ZORAM INDUSTRIAL DEVELOPMENT CORPORATION (ZIDCO) LIMITED.

Zoram Industrial Development Corporation Ltd., formerly Mizoram Small Industries Development Corporation Ltd., is the lone Industrial Development Corporation in the State of Mizoram. It is incorporated under the Companies Act, 1956 on 27.2.78. It is owned by the Govt., of Mizoram and Industrial Development Bank of India (IDBI), The Corporation is notified as Financial Institution under appropriate sections of IDBI Act, 1964. Accordingly, ZIDCO is eligible to avail refinance from IDBI the loans disbursed by it upto Rs. 90 lakhs to individual unit at

a concessional rate of interest. Its aims and objects among others are to aid, counsel, assist, finance, protect and promote the interests of small industries in the State of Mizoram. It is also expected to provide technical and managerial assistance to small entrepreneur engaged in small industries in the State of Mizoram.

2. It has an authorised Share Capital of Rs. 10 crores divided into Rs. 10 lakhs Equity Share of Rs. 100 each. The Paid up Share Capital of the Corporation at the end of June, 1989 is Rs. 695.10 lakhs.

3. For fulfilment of its aims and objectives and to establish its full functional activities the Scheme is proposed to be carried over to the 8th Plan. ZIDCO's activities so far remained restricted to financial assistance to the entrepreneurs but since this Corporation is to function as the developmental Corporation other activities are required to be initiated. ZIDCO has already initiated a project namely "Mechanised Yarn Dyeing-cum-Printing House" at a total project cost of Rs. 200 lakhs. It is proposed to set up the project on Turn Key basis with North Eastern Industrial Technical Consultancy Organisation (NEITCO) Apart from these the Corporation has already set up a Solar Wood Seasoning Plant on Turn Key basis with NSIC, New Delhi on experimental basis.

4. ZIDCO has also initiated to take up a small Mechanised Brick Plant and a RMP Roofing Sheet manufacturing unit but could not go ahead with the implementation of the scheme due to financial constraints and therefore propose to establish these units during the 8th Plan period. ZIDCO is going to take up the procurement and distribution of Industrial Raw Materials to the local Industrial Units which is now being done by the Directorate of Industries. We may also take up a Bamboo Chipping Plant in Mizoram. For implementation of these projects as stated above, the organisational set up of the Corporation needs to be strengthened. It is also proposed to set up a Branch Office at Lunglei to

VI(A) -

 cater the needs of the entrepreneurs in South Mizoram covering Lunglei and Chhimitupui Districts.

5. In consideration of the foregoing activities already taken up and proposed to be taken up the authorised Share Capital of the Corporation is required to be enhanced to Rs. 20 crores. During the 8th Plan period it is therefore, proposed to contribute an amount of Rs. 3 crores towards Share Capital contribution to ZIDCO as follows :-

1990-91	-	60.00 lakhs
1991-92	-	60.00 lakhs
1992-93	-	70.00 lakhs
1993-94	-	80.00 lakhs
1994-95	-	80.00 lakhs
		<u>TOTAL: Rs. 350.00 lakhs</u>

The IDBI will also contribute Matching Share Capital of Rs. 350.00 lakhs as 50 % matching share Capital Contribution.

Scheme No. B - 12

Name of the Scheme : DEVELOPMENT OF ELECTRONICS :
ZORAM ELECTRONICS DEVELOPMENT
CORPORATION LIMITED (ZENICS)

The climatic condition and pollution free atmosphere of Mizoram is considered to be ideal for setting up of electronics industries. Formation of a Corporation was approved during the Annual Plan of 1988-89. Draft Memorandum and Articles of Association with an authorised share capital of Rs. 10.00 crores has been finalised. This Corporation is likely to be registered within 2nd quarter of 1990-91. An outlay of Rs. 36.00 lakhs towards share capital contribution to this Corporation has been approved during 1990-91. However, for establishment of full functional activities of the Corporation the scheme is required to be spilled over to be continued to 8th Five Year Plan.

The Electronic Trade & Technology Development Corporation (ET&T), New Delhi have been employed as expert consultants. They have completed the Feasibility Report for Mizoram. The report mentioned that the first and compulsory step was to form a Corporation. The Department wants to go ahead for the development of electronic^{*} Trade and Technology Development Corporation Ltd., (ET & T) which is a Government of India undertaking. For this purpose, a Memorandum of understanding for a period three years with E T & T has been already signed and is effective from the month of May, 1990. Under the terms and conditions, in brief, setting up of a Corporation, Local human resources development for electronics, setting up of assembling units, servicing units etc. will be spelt out.

This Corporation will set up industrial units for manufacturing of various types of electronic ~~products~~ and encourages development of ancilliary electronic industries at the level of private entrepreneurship to support the mother unit set up by the Corporation itself. Apart from that the Corporation will take up training of manpower, marketing of electronic products manufactured in Mizoram and provide necessary inputs to the private units as a part of its development activities.

The objectives of the Corporation can be summarised as follows :-

- Establish facilities for helping electronic industries in product development, updatation of technology, cost reduction etc.
- Acquire technologies from other recognised Corporation suitable to local condition in Mizoram.
- Provide essential facilities for quality control and testing of electronic components and finished products.
- Establish standdrds for electronic products manufactured in Mizoram.

* in Mizoram in collaboration with Electronics

- Provide consultancy services by way of product identification, selection of the scale of production, design of production lay-out and above all preparation of project reports for the private entrepreneurs.
- Establish a training Centre for enhancing Human Resource Development in the field of electronics.
- Provide facilities for testing, repair, maintenance and calibration of electronics equipments.
- Bulk procurement of electronic components, raw materials, equipments etc., for further distribution to the actual users.
- To earmark special fund for development of electronic Industries, particularly to finance entrepreneurial ventures.
- To create strong marketing base by using co-operative societies as retail outlets for the products thus manufactured.
- To open up service centres for consumer and professional electronics items in the state in order to provide quick, efficient and cheap after sales service.
- To set up industrial projects based on electronics in the state.

The Projects to be taken up by the Corporation as per recommendation of ET & T are as follows :-

- (1) Manufacturing of Radio Receiver
- (2) Manufacturing of Black & White and colour Television.
- (3) Manufacturing of P.A. Amplifier and Stereo Amplifier.
- (4) Manufacturing of Electronic Calculator
- (5) Manufacturing of Electronic Gas Lighter
- (6) Manufacturing of TV Antenna
- (7) Manufacturing of automatic/manual stabiliser
- (8) Manufacturing of Loud Speaker
- (9) Repairing centre for consumer Electronic products.

In addition to that for the purpose of promotional work and Co-ordination with ZENIX, a small cell in the branch electronics will be opened in the Directorate during the 8th Plan period.

TENTATIVE PROGRAMME OF WORKS DURING THE EIGHTH FIVE YEAR

A		PLAN 1990 - 95					Total
		Break up of financial allocation					
Sl. No.	Description of work.	90-91	91-92	92-93	93-94	94-95	90-95
		3	4	5	6	7	8
1.	Establishment of Organisational set up & related expenditure.	10.00	10.00	10.00	10.00	10.00	50.00
2.	Construction of Office building.	-	5.00	10.00	10.00	-	25.00
3.	Establishment of Training Centre in the field of Electronics and training of personnels outside the state.	10.00	5.00	5.00	3.00	3.00	26.00
4.	Establishment of repairing & Servicing centre for consumer electronic products.	-	5.00	5.00	2.00	2.00	14.00
5.	Procurement of Electronic Components, Raw-Materials for distribution to actual users.	-	10.00	10.00	13.00	15.00	48.00
6.	Research, Design & Development.	-	1.00	2.00	2.00	2.00	7.00
7.	Setting up of Industrial Projects.	-	1.00	5.00	17.00	22.00	45.00
8.	Setting up of Electronic Complex.	13.00	10.00	10.00	10.00	13.00	56.00
Share Capital Contribution required to be made.		33.00	47.00	57.00	67.00	67.00	271.00
B	Establishment of electronic cell in the Directorate and maintenance.	3.00	3.00	3.00	3.00	3.00	15.00
TOTAL :		36.00	50.00	60.00	70.00	70.00	286.00

Scheme No.B-13

Name of the Scheme : MIZORAM KHADI & VILLAGE INDUSTRIES BOARD.

The Mizoram Khadi & Village Industries Board has been started during the 7th Plan. The Board started functioning from the year 1986-87. During 1986-87 and 89-90 the Board has firmly established Board's Office at Aizawl. The staff position as on 30.6.89 is as below :-

Class I Officer	-	2 nos.
Class II Officers	-	8 nos.
Group 'C' Staff(Tech)	-	27 nos.
Group 'C' Staff (Ministerial)	-	24 nos.
Group 'D' Staff	-	32 nos.

The Board has also established a Multi-Disciplinary Training Centre at Zombawk. The following discipline of trades are taken up under this programmes.

- 1) Training-cum-Production Centre for Silk Spinning
- 2) Training-cum-Production Centre for Silk Weaving
- 3) Training-cum-Production Centre for Cotton Spinning
- 4) Training-cum-Production Centre for Cotton Weaving
- 5) Training-cum-Production Centre for N.E.O. Soap
- 6) Training-cum-Production Centre for Village Oil
- 7) Training-cum-Production Centre for Cane & Bamboo
- 8) Training-cum-Production Centre for Carpentry
- 9) Training-cum-Production Centre for NEO Oil Extraction

Alltogether 11 nos.of buildings have been constructed, which are utilised for conducting Training and Production purposes.

F U N D S

During the 7th Plan the Board has received funds and utilised them as below :-

ESTABLISHMENT GRANTS FROM STATE GOVERNMENT

	<u>Receipt</u>	<u>Expenditure</u>
85-86	5,00,000/-	5,00,000/-
86-87	18,90,000/-	18,90,000/-
87-88	26,50,000/-	26,50,000/-
88-89	39,00,000/-	39,00,000/-
89-90	50,00,000/-	

PROJECTS FUNDS FROM K.V.I. COMMISSION

Year	<u>Receipt</u>		<u>Disbursement</u>	
	Grants	Loan	Grants	Loan
86-87	11,44,572/-	15,77,332/-	11,44,572/-	15,77,332/-
87-88	14,21,690/-	40,89,044/-	14,21,690/-	40,89,044/-
88-89	25,57,900/-	57,14,363/-	22,78,398/-	46,90,541/-
89-90				

Total number of units benefitted by the above funds are as below :-

<u>Year</u>	<u>Nos. of Beneficiaries.</u>
86-87	247
87-88	257
88-89	455
89-90 (Tentatively)	500
TOTAL :	1,459

This shows that altogether 1459 nos. of families has been benefitted by the K.V.I. Programme in Mizoram during the 7th Plan.

8TH FIVE YEAR PLAN

During the 8th Plan the Board would take up the following programmes.

OPENING OF DISTRICT OFFICES.

The Board will open district offices at Lunglei (for Lunglei District), Saiba (for Lakher District), Lawngtlai (for Pawi District), and at Champhai (for Aizawl District). The opening of District Offices will require fund for construction of buildings, creation of posts etc. Each District Office will be headed by an Executive Officer with necessary supporting staffs.

JUSTIFICATION : Opening of District Offices is a necessity as the target groups of Khadi & Village Industries programmes are those of Rural populations.

Without District Offices, it is difficult for rural population to avail KVI programmes and it is difficult to do proper assessment and evaluation without having any district staff in rural areas. Hence opening of District Offices is considered a must.

B. STRENGTHENING OF BOARD OFFICE :

During the 7th Plan, most of the staff required for different sections of the Board's Office were recruited. However there are certain technical posts which cannot be filled up due to non-availability of qualified hands and paucity of funds.

Hence the Board proposed to take up recruitment of Staff and maintenance of Departmental asset and buildings under scheme during the 8th Plan period. Apart from that the Board proposed to construct its Office building along with staff quarters etc.

C. DEPARTMENTAL PROJECTS :

During the 8th Plan the Board will take up two Departmental Projects. These are : (1) Khansari Plant, at Saitual (2) Pilot Project for Tung Oil extraction at Aizawl.

As per the financing pattern as approved by the KVIC, for Khansari Plant, Rs. 30.00 lakhs will be available from KVIC and the balance amount of Rs.50.00

lakhs is required to be financed from the Board's fund. Working Capital requirement of Rs.26.00 lakhs is also to be financed by the Board.

1. KHANSARI PLANT (100 T.C.D.)

This unit shall have the capacity to crush 100 tonnes of cane per day of 16 hours with an estimated annual value of production of about Rs. 37 lakhs. It will provide employment (seasonal) to 240 persons (11 persons as regular staff, 31 persons as seasonal staff and 190 persons on daily wage basis) Out of the Project cost of Rs. 80.00 lakhs a sum of Rs. 50.00 lakhs will be required to be contributed from the State Govt. as part of the Project cost and Rs. 26.00 lakhs as working capital totalling to Rs. 76.00 lakhs during the 8th Plan period.

2. Tung Oil extraction Plant : In technical collaboration with EDII, Ahmedabad, Tung Oil extraction Plant is being set up at Aizawl.

PHASING OF FUNDS (FROM STATE GOVERNMENT)

Items	90-91	91-92	92-93	93-94	94-95	Total
1) Khansari Plant.	9.00	30.00	11.00	16.00	10.00	76.00
2) Establishment and Commissioning of Tung Oil extraction Plant at Zembhaw, Aizawl.	1.00	2.00	2.00	2.00	2.00	9.00
TOTAL	10.00	32.00	13.00	18.00	12.00	85.00

Thus the Board would require funds for the whole period of the 8th Plan as below :-

Main Head	90-91	91-92	92-93	93-94	94-95	Total
1) Opening of District offices.	-	30.00	38.00	31.00	31.00	138.00

Main Head	90-91	91-92	92-93	93-94	94-95	Total
2. Strengthening of Administration and maintenance of existing establishment.	55.00	33.00	35.00	31.00	37.00	191.00
3. Departmental Projects for Khansari Unit.	9.00	30.00	11.00	16.00	10.00	76.00
4. Tung Oil Project.	1.00	2.00	2.00	2.00	2.00	9.00
Total :	65.00	103.00	86.00	80.00	80.00	414.00

Scheme No. B- 14

Name of the Scheme : STRENGTHENING OF DIRECTORATE

The need for Comprehensive and Integrated Progress is inescapable in Mizoram as modern small Scale Industries sector and Large Scale Sector are yet to make start. In order to promote and mobilise entrepreneurial skill of the State and establishment of industries, it is inevitable that a comprehensive and integrated development programme is necessary to be introduced.

Unemployment is increasing and the educated people are required to be helped to find self-employment. Therefore, the Director of Industries should be in a position to help entrepreneurs in various technical and economic fields.

It should maintain close liaison with the State, Ministries, Development Commissioner, Planning Board, ZIDCO, Handloom & Handicraft Corporation, Electronics Development Corporation and other Corporations, Financial Institutions, KVIB and other organisation concerned with the development of Industries.

To achieve different targets set up by the Govt., of India and by State Govt. the present set up is very poor and without any technical support. Setting up of modern industries which can bring added value to the products is the only way to rescue Mizoram.

A Comprehensive Development Plan for Industries was prepared by Shri K.L. Nanjappa, Ex-Development Commissioner, SSI, Govt. of India and Advisor to the Govt. of Mizoram. As per his report, the following posts are required to be created and filled up. Necessary buildings for their accomodation shall also be required to be constructed during the 8th Plan 1990-95.

Therefore, under this Scheme we have two components, namely creation of essential technical staff for the Department and construction of quarters for the Departmental Officers and staff. The details will be as follows :

Sl. No.	Name of posts	Scale of Pay	No. of posts proposed to be created during the 8th Plan period.
1	2	3	4
<u>DIRECTORATE OF INDUSTRIES (OFFICERS & STAFF IN THE HEADQUARTER).</u>			
<u>General Administration.</u>			
1.	Additional Director of Industries (Administration).	Rs. 4100-5300/-	1
<u>ECONOMIC INTELLIGENCE DIVISION</u>			
1.	Deputy Director of Industries	Rs. 3000-4500/-	1
2.	Assistant Director of Industries.	Rs. 2200-4000/-	2
3.	Industrial Promotion officer.	Rs. 1640-2900/-	4
<u>FOOD AND ALLIED INDUSTRIES</u>			
1.	Deputy Director of Industries.	Rs. 3000-4500/-	1
2.	Technologist	Rs. 1640-2900/-	2

Sl. No.	Name of posts.	Scale of pay.	No. of posts proposed to be created during the 8th Plan period.
1	2	3	4
<u>ELECTRONIC CELL</u>			
1.	Assistant Director of Industries (Electronics).	Rs. 2200-4000/-	1
2.	Technician	Rs. 1640-2900/-	2
<u>PLANNING & MONITORING</u>			
1.	Joint Director of Industries.	Rs. 3700-5000/-	1
2.	Assistant Director of Industries.	Rs. 2200-4000/-	1
3.	Industrial Promotion Officer.	Rs. 1640-2900/-	2
<u>ESTABLISHMENT</u>			
1.	Deputy Director (Accounts)	Rs. 3000-4500/-	1
2.	Superintendent of Accounts.	Rs. 1640-2900/-	1
3.	Accountant.	Rs. 1640-2900/-	2
4.	Stenographer Gr. II	Rs. 1640-2900/-	3
5.	Stenographer Gr. III	Rs. 1400-2600/-	3
6.	Assistant	Rs. 1640-2900/-	2
7.	U.D.C.	Rs. 1400-2600/-	5
8.	L.D.C.	Rs. 1200-1800/-	5
9.	Driver	Rs. 950-1500/-	5
10.	Grade IV	Rs. 775-1025/-	8
TOTAL :			59 nos.

YEARWISE TARGET FOR CONSTRUCTION OF STAFF QUARTERS

	90-91	91-92	92-93	93-94	94-95	Total 90-95
1. Construction of Staff quarters.	8 nos.	10 nos.	10 nos.	10 nos.	10 nos.	48 nos.
2. Construction of building at Lunglai.	1 no.	-	-	-	-	1 no.

YEARWISE BREAK UP OF FINANCIAL OUTLAY DURING THE
8TH FIVE YEAR PLAN :

	Rs. in lakhs					Total 90-95
	90-91	91-92	92-93	93-94	94-95	
1. Expenditure on Salary etc.	3.00	6.00	6.00	6.00	6.00	27.00
2. Office contingencies.	2.00	4.00	4.00	4.00	4.00	18.00
3. Construction DIC office Building.	18.00	-	-	-	-	18.00
4. Construction of Staff Quarters.	12.00	15.00	15.00	15.00	15.00	72.00
TOTAL :	35.00	25.00	25.00	25.00	25.00	135.00

Scheme No. D-15

Name of the Scheme : DISTRICT INDUSTRIES CENTRE :

Under the centrally sponsored scheme of District Industries Centre, the District Industries Centres are functioning in Mizoram. As per the financing pattern, 50% matching contribution is required to be provided by state Government.

Rs. 18.00 lakhs was approved during 1989-90 towards matching contribution of District Industries Centre Scheme in Mizoram. This scheme will, therefore, continue during the 8th plan period for augmentation of matching contribution. The year-wise break-up of outlay proposed during the 8th Five Year Plan is furnished as follows :-

Sl. No. Description	Rs. in lakhs					Total 90-95
	90-91	91-92	92-93	93-94	94-95	
1. Recurring establishment expenditure for the three DICs in Mizoram.	12.00	14.00	14.00	17.00	17.00	74.00
2. Promotional scheme.	1.00	1.00	1.00	2.00	2.00	7.00

Sl. No.	Description	Break up of Financial Outlay					Total 90-95
		90-91	91-92	92-93	93-94	94-95	
3.	Seed money loan	3.00	3.00	3.00	3.00	3.00	15.00
4.	Matching non-recurring expdr. for completion of office building of DIC, Saiha.	4.00	-	-	-	-	4.00
5.	Constn. of Staff qtrs. for DIC Officials.	-	2.00	2.00	3.00	3.00	10.00
Total of financial Outlay.		20.00	20.00	20.00	25.00	25.00	110.00

5

Scheme No. B -16

Name of the Scheme : DEVELOPMENT OF INDUSTRIAL INFRA-STRUCTURE :

This scheme has been taken up since the 6th Five Year Plan and continued during the 7th Five Year Plan. This scheme will include three sub-schemes namely (a) Industrial Estate (b) Vertical Industrial Estates (c) Industrial Growth Centre, which will be continued during the 8th Five Year Plan.

(A) INDUSTRIAL ESTATES :

Under this sub-scheme, Industrial Estates had been established at Sairang and Kelusib during the Sixth Plan. During the 7th Plan, another Industrial Estate has been established at Zuangtui near Sizawl Town which is provided with approach road, Internal road and Power supply. Water supply is also under implementation at present. Undeveloped plots of the above Industrial Estates are allotted to small scale Industrial Units, but only few are able to start their units. Most of the units could not start their Industries due to lack of fund for site development and construction of worksheds. Therefore, it is proposed to develop the sites and construct the worksheds, which

may be allotted to Industrial Units on rental basis. This will generate Revenue for the Government. The following programme are proposed to be taken up under this sub-scheme during the 8th Plan for the establishment and development of new as well as existing Industrial Estates.

1. Industrial Estate at Zungtui near Aizawl Town. - Rs.68.00 lakhs
2. Industrial Estate at Saiha in Chhimitupui District. - Rs.51.00 lakhs
3. Industrial Estate at Lunglei in Lunglei District. - Rs.51.00 lakhs

YEAR-WISE BREAK UP OF PHYSICAL TARGET AND FINANCIAL OUTLAY IS FURNISHED AS FOLLOWS :

Sl. Description	Units	Year					Total			
		90-91	91-92	92-93	93-94	94-95				
No. of works.		1	2	3	4	5	6	7	8	9
1. <u>Industrial Estate at Zungtui near Aizawl Town :</u>										
(a)(i) Site development.	Nos.	20	-	-	-	-	-	-	-	20
(ii) Financial outlay.	Rs. in lakhs.	7.00	-	-	-	-	-	-	-	7.00
(b)(i) Constn. of industrial sheds.	Nos.	4	4	4	4	-	-	-	-	16
(ii) Financial outlay.	Rs. in lakhs.	10.00	10.00	10.00	10.00	-	-	-	-	40.00
(c)(i) Water supply & electrification.	Nos.	1	-	-	-	-	-	-	-	1
(ii) Financial outlay.	Rs. in lakhs.	12.00	-	-	-	-	-	-	-	12.00
(d)(i) Creation of Posts & apptt.	Nos.	10	-	-	-	-	-	-	-	10
(ii) Financial outlay.	Rs. in lakhs.	1.00	2.00	2.00	2.00	2.00	2.00	2.00	-	9.00
Total Financial outlay.	Rs. in lakhs	30.00	12.00	12.00	12.00	2.00	2.00	2.00	2.00	68.00

Sl. No.	Description	Unit	Year.						Total
			90-91	91-92	92-93	93-94	94-95	90-95	
1	2	3	4	5	6	7	8	9	
2. Industrial Estates at Lunglei									
a) i)	Construction of approach road and internal road.	Kms.	-	1.4	-	-	-	1.4	
ii)	Financial outlay.	Rs. in lakhs	-	14.00	-	-	-	14.00	
b) i)	Electrification (L.T) with Transformer.	Kms.	-	0.5	0.5	-	0.5	1.5	
ii)	Financial outlay.	Rs. in lakhs	-	5.00	5.00	-	5.00	15.00	
c) i)	Site development.	Nos.	-	-	-	10	-	10	
ii)	Financial outlay.	Rs. in lakhs.	-	-	-	3.00	-	3.00	
d) i)	Water supply	L.S.	-	-	L.S.	-	-	L.S.	
ii)	Financial outlay.	Rs. in lakhs.	-	-	4.00	-	-	4.00	
e) i)	Construction of sheds	Nos.	-	-	-	4	6	10	
ii)	Financial outlay.	Rs. in lakhs.	-	-	-	6.00	9.00	15.00	
TOTAL FINANCIAL OUTLAY.		Rs. in lakhs.	-	19.00	9.00	9.00	14.00	51.00	
1	2	3	4	5	6	7	8	9	

3. Industrial Estate at Saiba.

a) i)	Construction of approach road and internal road.	Km.	-	1.4	-	-	-	1.4
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3J. Description No. of works.	Unit.	Year					Total
		90-91	91-92	92-93	93-94	94-95	
i) Financial outlay.	Rs. in lakhs.-		14.00	-	-	-	14.00
b) i) Electri- fication with transformer.	Kms. -		0.5	0.5	-	0.5	1.5
ii) Financial outlay.	Rs. in lakhs.		5.00	5.00	-	5.00	15.00
c) i) Site Deve- lopment.	Nos. -		-	-	10	-	10
ii) Financial outlay.	Rs. in lakhs -		-	-	3.00	-	3.00
d) i) Water supply	L.S. -		-	L.S.	-	-	L.S.
ii) Financial outlay.	Rs. in lakhs -		-	4.00	-	-	4.00
e) i) Constn. of sheds	No.s -		-	-	4	6	10
ii) Financial outlay.	Rs. in lakhs -		-	-	6.00	9.00	15.00
Total Financial outlay	Rs. in lakhs -		19.00	9.00	9.00	14.00	51.00
G. Total of Financial outlay (1+2+3)	Rs. in lakhs	30.00	50.00	30.00	30.00	30.00	170.00

B. VERTICAL INDUSTRIAL ESTATE : This scheme has been initiated by this Department during current financial year 1989-90 under the scheme of Industrial Infrastruc- ture. There is a provision of Rs. 10.00 lakhs in the current Annual Plan for the construction of one Vertical Industrial Estate at Mizawl. These scheme will provide Industrial sheds in a multistoried building for Small Scale Industrial Units of non-pollution type Industries like Electronic Industries, Handloom and Handcrafts etc. This Vertical Industrial Estate would be located cen- trally in the hearts of the Capital, so as to facili- tate encouragement and motivation of the public towards industrialisation. The on-going scheme will be comple- ted at Mizawl and another scheme will be taken up at Lenglei also during the 8th Plan period as follows :-

1. Vertical Industrial Estate Aizawl	- Rs. 70.00 lakhs
2. Vertical Industrial Estate Lunglei	- Rs. 30.00 lakhs
TOTAL :-	Rs. 100.00 lakhs

Yearwise break-up of financial outlay for this sub-scheme is proposed as follows :-

	Rs. in lakhs					
No. Vertical Indus- trial Estate.	90-91	91-92	92-93	93-94	94-95	Total
1. Aizawl	20.00	20.00	10.00	10.00	10.00	70.00
2. Lunglei	10.00	5.00	5.00	5.00	5.00	30.00
TOTAL :	30.00	25.00	15.00	15.00	15.00	100.00

(C) INDUSTRIAL GROWTH CENTRE :

This sub-scheme has been initiated by the Government of India for the Development of Infrastructural Facilities in No Industry Districts throughout the country during the 6th Plan. In Mizoram, one Industrial Growth Centre with a project cost of Rs. 4.00 crores has been approved and it is in the initial stage of implementation. For this scheme, 292 acres of land have been acquired at Luangmual near Aizawl Town. This is a joint venture scheme of the State Government and the Central Government with funds contribution of 50 % each. Government of Mizoram has sent a proposal for integration of this existing Growth Centre with a bigger Growth Centre Scheme of Rs. 30.00 crores, which have been initiated by Government of India very recently, vide their letter No.14/23/88/DBA - I dt. 8th Dec.88. As per the financial pattern given in the letter no. cited above Mizoram Government is to contribute Rs. 5.00 crores out of the total project cost of Rs. 30.00 crores. Rs. 1.00 crore had already been approved in the Annual Plans of the years 1988-89 and 1989-90. Therefore, Rs.4.00 crores is required to be provided during the 8th Plan for the implementation of Luangmual Growth Centre. During the 8th Plan period, another Growth Centre will be identified and developed in the State.

National Industrial Development Corporation Ltd., New Delhi, has been already engaged as expert Consultants for planning and execution of this scheme in Mizoram.

Yearwise financial targets during the 8th Five Year Plan under Industrial Growth Centre Scheme is proposed as follows :-

(Rs. in Lakhs)					
90-91	91-92	92-93	93-94	94-95	Total
50.00	50.00	80.00	75.00	75.00	330.00

Sub-Scheme wise and year wise break-up of financial provisions proposed during the 8th Five Year Plan under the scheme of Development of Industrial Infrastructure is furnished as follows :

Sl. No.	Name of Sub-scheme.	90-91	91-92	92-93	93-94	94-95	Total
A.	Industrial Estates.	30.00	50.00	30.00	30.00	30.00	170.00
B.	Vertical Estate.	30.00	25.00	15.00	15.00	15.00	100.00
C.	Industrial Growth Centre.	50.00	50.00	80.00	75.00	75.00	330.00
GRAND TOTAL :		110.00		125.00		120.00	
			125.00		120.00		600.00

C. MINES & MINERALS

Scheme No.C-1

Name of Scheme : MINES AND MINERALS :

During the 7th Five Year Plan, activities have been geared up under this scheme. The Ground water investigation have been given a top priority in view of scarcity conditions for finding water for drinking and agricultural purposes, the Geological, Geophysical studies have been carried out in certain area and potential Ground Water zones have been demarcated for Ground Water exploitation in the interior parts of Mizoram. This scheme was ^{taken} up during the 7th Five Year Plan because people of Mizoram were facing acute water scarcity for drinking and Agriculture purposes. If ground water can be found as a permanent source of Water for drinking and Agriculture puposes people of Mizoram can attain self sufficiency in Agriculture sector. Since the Ground Water development has to be co-ordinated with the PHE, Agriculture Ground

Water Development and the Farmers, our Department has prepared a draft Ground Water Development Rules and submitted to the Government of Mizoram for approval.

Shell limestone have been found near Muthi, Tuirial, Champhai, Mamit areas and our Department has carried out detailed investigation in order to utilise the same for setting up of viable Mineral based Industries in Mizoram. Initially a small area of 2 sq.Km. near Muthi village was taken up for detailed Geological investigation in order to decipher quality and quantity of the Limestone. Since Cao content of the Limestone is only 23 - 40%, it is not possible to utilise the same for manufacturing cement in Mizoram. However, cement Corporation of India is planning to set up clinker grinding Unit at Bairbi (Mizoram). In view of this, our Department is planning to utilise this limestone as a decorative building stone (slabs) after proper cutting and polishing. Several samples have been cut and polished at Bangalore and it was found that the shell limestone is taking good polish and it can be utilised for manufacturing decorative slabs in Mizoram. Estimated inferred reserve of shell limestone at Muthi alone will come to 7194 cubic meters.

To carry out the above investigations, the Geology & Mining Wing has been strengthened with 78 Nos. of Scientific and Technical personnel during the 7th Five Year Plan. Total financial allocation obtained under the Plan Scheme (Mines & Mineral) during the 7th Five Year Plan was Rs. 162.65 lakhs and Rs. 46.00 lakhs in order to strengthen the Geology and Mining Office.

In view of the finding as mentioned in the above paragraphs, our Department is intend to gear up the Geological Investigation during the 8th Five Year Plan.

1. Ground Water & Mineral investigation.
2. Minor Mineral Development.

I. Ground Water & Mineral Investigation

a) Ground Water Investigation : Under this scheme our Department is intend to carryout Geological, Geophysical Investigation during the 8th Five Year Plan, so that Ground Water potential areas can be demarcated for exploitation. Our Department will cover all the potential for Agriculture Development during the 8th Five Year Plan.

b) Mineral Investigation : Mizoram is composed of Surma sediment and shell limestone have been found in different parts of Mizoram. In addition to the Muthi area, our Department is intend to carryout detailed Geological investigation in other areas in order to decipher quality and quantity so that this can be utilised for making decorative slabs. In addition to this our Department will carryout, clay investigation at Tut river, stream sediment studies in most of the streams for studying heavy Minerals etc. during the 8th Five Year Plan. In addition to this our Department will coordinate with the Geological Survey of India, Atomic Mineral Division for finding other Minerals in the state of Mizoram so that this can be utilised for setting up of certain viable mineral based Industries.

To gear up the above mentioned activities, it is necessary to strengthen the existing Geology & Mining Wing into a separate Directorate so that it can take up independently the Geological & Allied activities effectively. The required additional man power and financial allocation are mentioned below.

Creation of Post

Sl No	Name of posts & Scale of pay.	Existing No. of posts.	Proposed during 8th Plan	90-91	91-92	92-93	93-94	94-95
1.	Chief Geologist. (Rs.4500-5700)	-	1	-	-	-	1	-

No.	Name of posts & Scale of Pay.	Existing No. of posts.	Proposed during 8th Plan.	90-91	91-92	92-93	93-94	94-95
2.	Superintending. (Rs.3700-5000)	1	1	-	-	-	1	-
3.	Exploratory Geologist (Rs.3000-4500)	1	2	-	-	-	2	-
4.	Asst. Geologist (Rs.2200-4000)	6	-	-	-	-	-	-
5.	Asst. Geophysist (Rs.2200-4000)	2	2	2	-	-	-	-
6.	Geological Asst. (Rs.1640-2900)	4	-	-	-	-	-	-
7.	Asst. Mining Engineer. (Rs.2200-4000)	-	5	5	-	-	-	-
8.	Asst. Drilling Engineer. (Rs.2200-4000)	-	1	-	-	-	1	-
9.	Driller (Rs.1640-2900)	4	-	-	-	-	-	-
10.	Asst. Chemist (Rs.2200-4000)	-	1	-	-	-	1	-
11.	Lab. Asstt. (Rs.1400-2600)	1	-	-	-	-	-	-
12.	Asst. Engineer (Rs.2200-4000)	1	-	-	-	-	-	-
13.	Junior Engineer. (Rs.1640-2900)	1	-	-	-	-	-	-
14.	Mechanic Gr-I (Rs.1400-2600)	-	2	-	-	-	1	-
15.	Mechanic Gr-II (Rs.1200-2040)	2	-	2	-	-	-	-
16.	Draftman Gr-II (Rs.1400-2600)	2	2	-	-	-	2	-
17.	Asst. Driller Gr-II	-	3	-	3	-	-	-

S1 No.	Name of posts & Scale of Pay.	Existing No. of posts.	Proposed during 8th Plan.	90-91	91-92	92-93	93-94	94-95
18.	Drilling Asst. (Rs. 950-1500)	8	-	-	-	-	-	-
19.	Welder (Rs. 950-1500)	1	-	-	-	-	-	-
20.	Field Asst. (Rs. 950-1500)	3	-	-	-	-	-	-
21.	Section Cutter (Rs. 950-1500)	1	-	-	-	-	-	-
22.	F.A.D. (Rs. 2200-4000)	1	-	-	-	-	-	-
23.	Accountant (Rs. 1640-2900)	1	1	-	-	1	-	-
24.	Office Supdt. (Rs. 2200-4000)	1	-	-	-	-	-	-
25.	Assistant (Rs. 1640-2900)	3	3	-	-	3	-	-
26.	H.D.C. (Rs. 1400-2600)	4	4	-	-	4	-	-
27.	L.D.C. (Rs. 1200-1800)	3	3	-	-	3	-	-
28.	Driver (Rs. 950-1400)	8	10	4	6	-	-	-
29.	Handyman	2	3	3	-	-	-	-
30.	Asst. Surveyor Officer. (Rs. 2200-4000)	-	2	-	-	2	-	-
31.	Surveyor (Rs. 1640-2900)	3	-	-	-	-	-	-
32.	Steno Gr-II (Rs. 1640-2900)	-	1	-	-	1	-	-
33.	Steno Gr-III (Rs. 1400-2600)	2	-	-	-	-	-	-

Sl No.	Name of Posts & Scale of Pay.	Exis-ting No. of Posts	Pro-posed during 8th Plan.	90-91	91-92	92-93	93-94	94-95
34.	Grado-IV (Rs. 775-1025)	5	10	-	10	-	-	-
35.	Chowkidar (Rs. 775-1025)	2	2	-	2	-	-	-
TOTAL :-		78	60	14	21	14	9	-

FINANCIAL REQUIREMENT

Sl No.	Description	8th Five Year Plan in lakhs.	90-91 in lakhs.	91-92 in lakhs	92-93 in lakhs	93-94 in lakhs	94-95 in lakhs.
1.	Salary	10.70	1.40	1.00	2.00	2.50	3.00
2.	Wages	10.00	1.00	1.50	2.00	2.50	3.00
3.	Office Expenses	30.00	3.00	6.00	6.00	7.00	8.00
	a) Purchasing & maintenance of vehicles. (8 Nos)						
	b) Stationery etc.	12.70	2.50	2.00	2.20	3.00	3.00
4.	Travelling Expenses	11.50	2.00	2.00	2.00	2.50	3.00
5.	Machinery & Equipment.	58.30	8.00	10.00	11.00	14.30	15.00
6.	Minor works	41.00	7.00	7.00	8.00	8.00	11.00
7.	Other charges	23.80	4.10	4.30	5.00	5.00	5.40
8.	Contigencies	33.00	4.00	5.00	8.00	8.00	8.00
TOTAL :-		231.00	33.00	39.60	46.20	52.80	59.10

Note : (1) Salary : Rs.10.70 lakhs has been provided for the creation of new posts toward salary etc.

(2) Office Expenses : Rs.30.00 lakhs have been proposed for purchasing of Jeeps and maintenance during the 8th Five Year Plan.

- (3) Machinery & Equipment : To purchase Machinerics for carrying out drilling activities, accessories for Remote Sensing Equipment, Geophysical equipments, Chemical equipment etc.
- (4) Minor works : To construct quarters in the Geology & Mining Complex. In order to construct Dug Wells and Recharge Dams in connection with ground water investigation.

MINOR MINERAL DEVELOPMENT

The Minor Mineral, consists of building stones, sand stones, bentonite clay, Limestone etc are available in Mizoram and can explored effectively so that people of Mizoram can use for the developmental purposes. The above mentioned stones/rocks are available only in certain areas which have to be identified on the basis of geological parameters. Even in the case of building stones there are several types which has to be identified on the basis of geological and structural parameters. The Geology & Mining Wing of Industries Department have got sufficient scientific and technical personnel in order to carryout geological investigation and select the proper area for extraction of Minor Minerals in Mizoram. In this connection Minor Mineral Consession Rules have been prepared by our department and submitted to the Govt. for approval.

A. Post Creation :-

In order to gear up the extraction of minor minerals in different parts of Mizoram, it is necessary to create at least 5 Divisions (Aizawl, Saitual, Mamit, Lung-loi and Lawngtlai). The following posts will be required.

Sl No	Name of the Posts.	8th Five Year Plan.	90-91	91-92	92-93	93-94	94-95
1.	Asst. Mining Engineer. (Rs. 2200-4000)	5	5	-	-	-	-
2.	U.D.C. (Rs. 1400-2600)	10	10	-	-	-	-

Sl. No.	Name of the post	0th five year plan	90-91	91-92	92-93	93-94	94-95
3.	L.D.C. (Rs. 1200-2040)	5	5	-	-	-	-
4.	Grade IV (Rs. 775-1025)	10	10	-	-	-	-
5.	Driver (Rs. 950-1500)	5	5	-	-	-	-
TOTAL :		35	35				

FINANCIAL REQUIREMENT

Sl. No.	Description	0th five year plan	90-91	91-92	92-93	93-94	94-95
1.	Salary	12.50	1.80	2.10	2.10	3.00	3.50
2.	Wages	20.00	2.00	3.00	4.00	5.00	6.00
3.	Office expenses						
	(a) Purchasing & maintenance of vehicles.	19.80	5.00	2.10	3.00	3.70	6.00
	(b) Stationery etc.	23.60	3.00	5.00	5.00	5.00	5.60
4.	Minor works	25.00	3.00	5.00	6.00	6.00	5.00
5.	Travelling Expenses	5.75	0.50	1.00	1.25	1.50	1.50
6.	Other charges	5.75	0.50	1.00	1.25	1.50	1.50
7.	Rent	6.60	1.20	1.20	1.20	1.50	1.50
TOTAL :		119.00	17.00	20.40	23.80	27.20	30.60

This scheme will create the following benefits to the Government of Mizoram.

- (1) The Minor Minerals will be extracted effectively in a proper place.
- (2) People of Mizoram will get sufficient Building stones (Minor Minerals) for their utilisation at a cheaper price.
- (3) Mizoram Government will get enhanced revenue.
- (4) Since Mines are developed in a Scientific manner, it will be not disturb the other developmental activities in Mizoram. (i.e. Town Planning, Village Planning, Developmental activities).

Our Department is propose to set up Decorative slab Industries with the raw material shell limestone during the 8th Five Year Plan. To market the products from the factory and Minor Mineral in different parts of Mizoram, our Department is interested to create Zoram Mineral Development Corporation during the 90-91 Annual Plan. This Corporation will market the Building stones and other Minor Minerals to the people of Mizoram so that people will get the product in a cheaper rate.

Rs. 20.00 have been provided as a share capital during 90-91 Annual Plan in order to create ZMDC under Government of Mizoram.

DETAILED BREAK-UP

	Proposed during Nth Five Year Plan in lakhs.	90-91	91-92	92-93	93-94	94-95
1. Groundwater investigation and mineral investigation.	231.00	33.00	39.60	46.20	52.80	59.40
2. Mineral Development.	119.00	17.00	20.40	23.80	27.20	30.60
TOTAL :	350.00	50.00	60.00	70.00	80.00	90.00

8th FIVE YEAR PLAN 1990-95
SERICULTURE DEVELOPMENT

Introduction:

It has been substantially proved that the climatic condition of Mizoram is fairly suitable for the growth of all varieties of Silkworm food-plants and rearing of all the four varieties of Silkworms viz, Mulberry, Eri, Muga and Oak-laser. The Muga, which was unique in Assam only in the past has been successfully cultured in all parts of Mizoram. It is seen that Assam alone could not meet the demand of Muga Silk and as a result, the price of Muga Silk and Silk Cocoons is rising day by day. Muga Silk was sold at Rs.800/- per Kg. in 1986, but now at Rs.2200/- per Kg. Seed Cocoons which were sold at Rs.0.10p per Cocoon ^{have} come up to Rs.0.50p per Cocoon. The price of commercial Cocoon is also becoming higher day by day in Assam. In that case, if we can develop this Industry in Mizoram, it will create a great source of income to the rural people. So also with the rise of markets for the Mulberry Silk, Mizoram can add a good percentage of income. As Eri is very easily cultured in Mizoram, by the poor, destitute children and the aged even during their leisure hours, it can definitely provide a subsidiary income to them.

Because of this, the Govt. of Mizoram as well as Govt. of India have given priority to the development of Sericulture in rural sectors to provide more employments and easy earnings.

In 1980-81, 1000 families were taking Sericulture as their subsidiary occupation which rose to 5200 families in 1984-85. During 1980-81 the production of cocoons was 2,400 Kgs. which rose to 58,000 Kgs. in 1984-85. In 1989-90 the total number of families rearing Silkworms rose to 6000 and the production of cocoons is also sufficiently increased.

The total food grain produced in Mizoram is just sufficient for the $\frac{1}{10}$ th of the people of Mizoram and in this stage, the Sericulture Industry can easily provide good earnings to the people with quick returns and generating employments thereby. The earnings can easily be utilised for purchase of food grains as the rearing of one silkworm crop hardly takes a month. It has no rivalry with the the paddy cultivation as it can be adopted side by side without any harm and as inter-cropping process too. It helps to the afforestation programmes of the Government too.

It has been noticed that a family adopting Sericulture in Mizoram can earn not less than Rs. 12,000/- a year. It can be increased by adopting the practice of self-services by family members on rotation. It is also to be noted that the profit in Sericulture lies on the quality of eggs, standard of rearing and skill of the rearer. For this, the Government is taking necessary steps to modernise our seed gradings and train the village rearers in scientific ways. As the silk has gradations of Class I, II, III, etc. it is of utmost importance to control the quality of seeds, cocoons and silk through careful and scientific rearings and supply of disease free eggs.

By concerted efforts by the Department of Sericulture in Mizoram, Sericulture began the take-off position gathering momentum with a sound base. Some people have chosen it, therefore, to be their main occupation.

But the Department has very little number of staff in its headquarters and fields and also is lacking in good technical buildings and staff quarters in the form for all daylong working rearers and other supervisory and technical staff. In some farms only one or two staff are available. Almost all the farms have no Chowkider too. This was due to non-creation of posts to connected scheme of 7th Plan that spilled over to 8th Plan. No new posts have been created in the 8th Plan other than those already approved in the 7th Plan which remain pending. Optimum facilities are yet to be provided to the Directorate and the fields.

The salient features of the 8th Plan are as follows:-

- (1) Creation of minimum important posts, in the Directorate.
- (2) Creation of more posts in the field level to get desired results.
- (3) Provisions for construction of minimum functional buildings in Sericulture Farms and Centres.
- (4) Provision for construction of staff quarters in the Sericulture Farms and Centres, for technical staffs engaged for silkworm rearing etc.,
- (5) Provisions for utilising of chemical fertilisers in the farms to ensure qualitative leaves as the food for silkworms for the production of good and healthy cocoons.
- (6) Procurement of Multiend reeling machines (Semi-Automatic) to consume the cocoons of rural areas commercially and installation there after~~at~~ at a central place at Aizawl.
- (7) Installation of Silk Twisting and conditioning machines at Aizawl to twist silk yarn for a better market value and to grade raw silks for marketing.
- (8) Installation of Quilt, carpet and rug production cum-training centres at different places of Mizoram.
- (9) Training for inservice and village rearers for ensuring better production in the rural sectors.
- (10) Establishment of sales emporiums at different places in Mizoram to enhance marketing of silk in an easy flow method
- (11) Extension of present dyeing factory at Aizawl.
- (12) Assistance to the rearers, small industrialists to start their own manufacturing industries of silk weaving, garments making, spinning and reeling sectors.
- (13) Development of silk industry in a big way specially in Mulberry and Muga sectors.
- (14) Assistance to more than 500 families in the bests out of others Sericulture activities.
- (15) Purchase of Cocoon Vans for easy marketing facilities etc.,

		Rs. in lakhs	
Following are the break-ups in the 8th Plan			
	7th Plan	8th Plan	
Scheme No.1 : Direction(Streng. of Directorate)	51.00	128.00	
Scheme No.2 : District Administration(Streng. of Dist. Administration)	101.65	216.00	
Scheme No.3 : Training of Personnels & Study Tour.	13.50	32.00	
Scheme No.4 : Promotion(Promotion of Sericulture Industry).	226.85	463.00	
Scheme No.5 : Marketing(Esstt. of Sales Emporium).	48.00	81.00	
Scheme No.6 : Silk processing(Esstt. of Quilt Carpet & Rug making cum training centres).	9.00	80.00	
TOTAL :-	6 Schemes	450.00	1050.00

Scheme No.1 Strengthening of Directorate.

The Directorate of Sericulture had been started only recently in the 7th Plan. Due to ban of creating post in past year many important posts could not be created. As a result, many important Schemes of the 7th Plan could not be successfully executed. It is therefore, necessary that the posts provided in the 8th Plan be created within the Plan period to ensure quick progress in execution of the 8th Plan. The physical and financial targets has been in the Annexure I and II.

Scheme No.2 Strengthening of District Administration.

Staff provided in the 7th Plan could not be fully created for the ban in creation of staff in past years. Unless there is sufficient staff strength in the District and field level, the progress of execution of proposed schemes cannot be done successfully as these require skill-full hands to supervise and guide. Mizoram has four Districts in Sericulture and had altogether 41 centres. Apart from these, Silk reeling, Spinning, Weaving and Dyeing Centres and training Centres are also there. Still there are many more villages which are ignorant of silk-worm culture and practices for their benefits. These are proposed to be covered as far as possible in the 8th Plan. Moreover, for want of technical buildings and quarters, the activities in the farms and centres remain stagnate to certain extent which require immediate actions. It is proposed that the existing farms are strengthened with staff and buildings for enabling these to function properly in the standard way. The target accordingly, is shown in the statement I & II of the Schemes.

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Scheme No. 3

TRAINING OF PERSONNELS AND STUDY TOUR.

In order to ensure qualitative production and profits, the rearers must have to be trained. The Departmental persons and new matriculates and Graduates are also to be trained for the fulfilment of man powers in the Department. Provisions has been made therefore, in the training Scheme for these and also for maintenance of the existing Sericulture Institute at Zemabawk for imparting the Trainings to the Departmental Staff and Village Rearers. There is little staff in the Institute at present, only one Junior Instructor and no other regular staff. Hence to impart training, the staff proposed shall have to be created. As the village rearers cannot be trained outside Mizoram, the language being their problem, they must have to be trained locally. The rearing house, reeling, Spinning, Weaving laboratory and library facilities are also must for their practical training. Accordingly these are proposed the target of which are shown in Annexure I & II of the Schemes.

Scheme No. 4

SERICULTURE DEVELOPMENT.

It is the nerve scheme for the development of Sericulture in Mizoram. The quality of silk depends upon the quality of silkworm eggs and hence these eggs are produced in the Sericulture Farms. These Farms must therefore, be organised in the standard way well equipped and well designed. At present the staff strengths in these Farms are very poor and unequipped with the buildings and the appliances for rearing and grainage works. Provisions, therefore have been proposed in the 8th Plan to well equip these Farms and Centres with Staffs buildings and machineries and equipments, the targets of which can be seen in Annexure I & II of the Schemes.

Scheme No. 5

ESTABLISHMENT OF SALES EMPORIUM.

Scheme No. 6

ESTABLISHMENT OF SILK QUILT, CARPET AND RUG MAKING-cum-TRAINING CENTRES.

The above two Schemes are proposed for consumption of raw materials in the Government as well as in private sectors and for disposal to the public the finished goods through marketing. If these could be successfully done, there will be no problem in marketing of our silk and silk products that can be locally produced starting from eggs to

may still sell milk foods. The village entrepreneurs then will, no doubt, take industry as their income sources.

The detailed physical break-ups and targets proposed are as follows :-

Details of Schemes :-

Scheme No. 1 Direction (Strengthening of the Directorate).

<u>Non-Recurring</u>	<u>Amount in lakh Rs.</u>
1. Construction of Directorate Building Complex (Multistoried) to provide accommodation of all sections of the Directorate including marketing wing and the two offices of the District Sericulture Officers of Aizawl 'E' and Aizawl 'W' at the Sericulture Farm premises at Chaltlang to be completed in 1992-1993. - 1 No.	Rs. 70.00
2. Construction of Staff Quarters annexed to the Directorate Building :- (a) Chowkidars Quarters - 3 Nos. @ Rs. 1.00 lakh each for three Chowkidars of Directorate, D.S.O. (E) and D.S.O. (W) including Cooksheds and Latrines.	Rs. 3.00
3. Group 'C' Quarter including urinal and latrine 1 No. @ Rs. 1.00 lakh.	Rs. 1.00
4. Purchase of Machineries and Equipments: (a) Photocopying Machine - 1 No. @ Rs. 1.00 lakh (b) Duplicating Machine - 1 No. @ Rs. 0.08 lakh (c) Typewriting Machine - 4 Nos. @ Rs. 0.08 lakh each (d) Survey and Engineering tools, Audio and Video appliances and other miscellaneous items.	Rs. 2.50
5. Purchase of Vehicles (Jeep) - 4 Nos. for Dy. Director & Jt. Director and also for Directorate Pool @ Rs. 1.50 lakhs each.	Rs. 6.00
T O T A L :	Rs. 82.50

RECURRING

(1) <u>Salary of Staffs.</u>	Rs. 16.83
(2) <u>Travelling Expenses and Office Expenses</u>	Rs. 13.02
(3) <u>Advertisement & Publicity</u>	Rs. 6.00
(4) <u>Rent</u>	Rs. 7.00
(5) <u>Maintenance of Vehicle (4 Nos. of Jeep)</u>	Rs. 3.65
T O T A L :	Rs. 128.00

Scheme No. 2 Administration (Strengthening of the District Administration).

NON-RECURRING

1. Construction of Buildings :- (a) Construction/extension of 10 Nos. SPO Office @ Rs. 2.00 lakhs each.	Rs. 20.00
(b) Construction of 10 Nos. of Chowkider Quarters in all the 10 places where SPOs are posted @ Rs. 1.00 lakh each.	Rs. 10.00
(c) Construction of 21 Staff Quarters in the Farms and Centres for technical staff as Rearing, Managers, Supervisors etc. @ Rs. 1.00 lakh each.	Rs. 21.00
(d) Construction of 15 Commercial Seed Grainages at 15 Nos. of Farms/Village Level Centres @ Rs. 2.00 lakhs each.	Rs. 30.00
2. Other Expenditure	Rs. 23.00
T O T A L :	Rs. 104.00

RECAPITULATION

1. Salary of Establishment :	Rs. 26.93
2. Travelling Expenses, Office Expenses etc.	Rs. 41.80
3. Wages for grainage labours @ Rs. 28/-per day 1460x15 = 21900 mandays for 15 grainages @ Rs. 1460 mandays each.	Rs. 6.14
4. Purchase of Seed Cocoons for preparation of Silkworm Seeds in the grainages from Village Rearers in 13 purchase Centres.	Rs. 37.13

TOTAL : Rs. 216.00

Scheme No.3 :- Training (Training of Personnels & Study tour

Non-Recurring :- Rs.in lakhs.

Construction of buildings for Sericulture Training Institute, Zemebawk.

1. Construction of functional buildings	-	Rs.16.50
2. Purchase of machineries & Equipments	-	Rs. 7.80
3. Other Expenses	-	Rs. 3.80

RECURRING :

1. Salary of Officer and Staff	-	Rs.21.43
2. Travelling Expenses, Office Expenses etc	-	Rs.20.42
3. Scholarship & Stipends	-	Rs. 7.05
4. Study tours expenses	-	Rs. 2.50
5. Wages for agronomical Works and maintenance of plantations & for rearing and grainage works, 8900 mandays @Rs,28/- per day.	-	Rs. 2.50

Total - Rs.82.00

Scheme No.4 Promotion (Promotion of Sericulture Industry in Mizoram :

Non-Recurring :

1. Construction of Buildings	-	Rs.34.00
2. Purchase of machineries and equipments	-	Rs.10.50

RECURRING :

1. Salary of Officer and Staff	-	Rs.18.90
2. Travelling Expenses/O.E. etc.	-	Rs.38.50
3. Extension of existing 23 farms & Centres-	-	Rs.16.10
4. Purchase of Materials & equipments	-	Rs.55.00
5. Grant-in-aid to individual farmers (NLIP).	-	Rs.290.00

Total -- Rs.463.00

Scheme No. # 5

Marketing (Establishment of 4 Nos.of Sales Emporium at Aizawi, Lunglei, Kolasib & Saiha).

NON-RECURRING :

1. Construction of Buildings	-	Rs. 8.00
a)Construction of 4 Nos.of Sales Emporiums in Mizoram @Rs.2.00 lakhs each.		
2. Purchase of Machineries & Equipments	-	Rs.2. 50
3. Other expenses	-	Rs. 5.00

&&

Total - Rs.15.50

RECURRING :

1. Salary of Officer and Staff	-	Rs. 2.15
2. Travelling Expenses, O.E. etc.	-	Rs. 5.05
3. Wages for Casual Employees (M/R)	-	Rs. 0.50
4. Revolving capital for 4 emporiums @Rs.2.00 lakhs each.	-	Rs. 8.00
5. Materials purchase (Cocoons etc.)	-	Rs.49.80
		<hr/>
	Total. -	Rs.81.00
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Scheme No. 6 :- Silk Processing (Establishment of 4 Nos. of quilts, Carpet and Rug making cum training centres at Aizawl, Lunglei, Kolasib and Saiha).

NON-Recurring :

1. Construction of buildings :- (One each for Aizawl, Lunglei, Kolasib and Saiha).	-	Rs.17.81
2. Purchase of machineries & equipments	-	Rs.16.00
		<hr/>
	Total	- Rs.33.81
		<hr/>

RECURRING :

1. Salary of Officer and Staff	-	Rs. 1.80
2. Travelling Expenses, O.E. etc.		
3. Office Expenses for Office misc. etc. for all 4 centres.		Rs. 8.39
4. Misc. expdr. on fuel, chemicals etc. for all centres.		
5. Wages	-	Rs.24.00
6. Revolving fund for purchase of cocoons & for processing for all 4 centres @ Rs.3.00 each.		Rs.12.00
		<hr/>
	Total	- Rs.80.00
		<hr/>

MIZORAM.

8th FIVE YEAR PLAN

FINANCIAL TARGET.

SERICULTURE

Sl. No.	Name of Scheme	1990-91	1991-92	1992-93	1993-94	1994-95	TOTAL
1.	Direction	44.60	44.60	18.67	19.30	10.83	128.00
2.	Administration	36.00	36.00	40.00	50.00	54.00	216.00
3.	Training	5.80	5.80	22.40	23.00	25.00	82.00
4.	Promotion	22.80	50.80	101.80	143.60	144.00	463.00
5.	Marketing	16.80	16.80	16.30	15.55	15.55	81.00
6.	Silk Processing	14.00	14.00	18.00	19.46	14.54	80.00
TOTAL- 6 SCHEMES :		140.00	168.00	217.17	260.91	263.92	1050.00

VII. (A)

DRAFT 8TH FIVE YEAR PLAN 1990-1995

ROADS & BRIDGES

INTRODUCTION : Road construction activities in Mizoram starts from the 5th Five Year Plan. Special consideration is, therefore, necessary in order to reduce the difference in road communication facilities as compared to the rest of the country. However, there is still tremendous difference even at the terminal year of the 7th Plan. This is because of constraint in fund allocation. The yearly increase of fund allocation in Road Sector is even less than that of the neighbouring states. The road density at the beginning of 7th Five Year Plan is only 16.09/100 Sq. Km against the National average of 48.8 Km/100 Sq. Km and the average of the neighbouring North Eastern Region of 38.27 Km/100 Sq. Km.

As mentioned above the road construction activities starts very late and about 64 nos. of road project are started during the 5th Five Year Plan. However, the fund allocation under road sector in Mizoram in the following years i.e. 5th, 6th and 7th Five Year Plan is far below expectation. As such, a number of roads projects which have been started in the 5th Five Year Plan is still not completed and spilled over to 8th Five Year Plan as of today there is 1730 Kms. of surface road and 3057 Kms./100 Sq. Kms. Due to the hilly nature of the state the same road density can serve less area and population as compared to the Plain. Owing to the poor road communication which is the most important infrastructure for other developmental sectors the state is still lagging far behind other states of the country in all other field of development.

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REVIEW OF 7TH FIVE YEAR PLAN

For the 7th Five Year Plan under Roads & Bridges Rs.51 crores was initially approved. However, the final allocation has come to Rs.56.07 crores. At the end of 7th Five Year Plan period the following achievement is made.

(1) Formation cutting	385 Kms.
(2) Improvement & Widening	159 Kms.
(3) Solling & metalling	236 Kms.
(4) Black topping	139 Kms.
(5) Cross drainages	1109 Kms.
(6) Permanent works	1150 Kms.

Following Major Bridges are also completed.

- (1) Tlawng bridge on Lunglei-Thenzawl road.
- (2) Vanva bridge on Lunglei-Thenzawl road.
- (3) Tuisumpui bridge on Lavngtlai-Saiha road.
- (4) Tuichhuahen bridge on Kolasib-Bairabi road.

Following new circles and working divisions are also opened during the 7th Five Year Plan.

- (1) Mechanical Circle.
- (2) Mechanical Division-II.
- (3) Hauifang Division.
- (4) Posts of Addl. Chief Engineer.
- (5) Superintending Engineer (Works) in Chief Engineer's office.
- (6) Superintending Engineer Mechanical Circle.

At the end of the 7th Five Year Plan period the density of road in Mizoram is expected to be raised to 23 Kms. per 100 Sq. Kms (1) It will have 1800 Kms. of surfaced roads and 2987 Kms. of unsurfaced road.

Out of the achievement mentioned the achievement under minimum needs programme alone is as under :-

1. Formation cutting	302 Kms.
2. Improvement and Widening	102 Kms.
3. Culverts & Minor Bridge	972 Nos.
4. Solling and metalling	67 Kms.
5. Black topping	8 Kms.

Out of 746 Nos. of villages 623 villages will be connected by road.

The overall achievement under Roads & Bridges is limited by the constraint fund allocation.

VII (A)

STRATEGY FOR THE 6TH FIVE YEAR PLAN .

It has not been possible to complete any of the 32 numbers (exclusive of roads within town and approach roads and internal roads of village) of road projects undertaken during the 7th Five Year Plan. The reason is mainly constraint of fund and also diversification of the available fund for so many projects. This cannot be avoided due to the public purpose because of the acute need of roads in all the different areas of the states. Out of the 32 numbers of roads projects 23 nos. are spilled over from 5th Five Year Plan, the main strategy is, therefore, to complete as many such spilled over schemes as possible during the 8th Five Year Plan by concentrating the fund on such such schemes and restraining as far as possible from taking up new schemes. Five numbers of the 5th Five Year Plan schemes are targetted for completion and the remaining upto foration cutting, permanent works, rolling, & metalling etc. depending on importance of the road.

BRIEF OUTLINES OF THE 8TH FIVE YEAR PLAN .

Rs.130.00 crores is projected for the 8th Five Year Plan which is about 2.32 times that of the 7th Five Year Plan total expenditure that is Rs.56.07 crores. Details of the sub-head are as below :-

1)	Direction and Administration	Rs. 620.00 lakhs.
2)	Machineries and Equipments	Rs. 670.00 lakhs.
3)	Planning, Research and Survey & Investigation	Rs. 50.00 lakhs.
4)	Other expenditures such as I.Rs, Horticultures etc.	Rs. 50.00 lakhs.
5)	Maintenance of road completed during the plan	Rs. 170.00 lakhs.
6)	(a) District Road	Rs.2440.00 lakhs.
	(b) Rural road under MNP	Rs.6595.00 lakhs.
	(c) Roads within towns	Rs.1770.00 lakhs.
	(d) Bridges	Rs. 635.00 lakhs.
	Total	= Rs.13.000.00 lakhs.

VII (A)

Under the work component the following targets are set :-

- | | | |
|----|--|---------------|
| 1) | Formation cutting | |
| | (a) <u>Spilled over schemes</u> | |
| | (i) Truck | = 157.00 Kms. |
| | (ii) Jeep | = 165.00 Kms. |
| | (b) <u>New schemes</u> | |
| | (i) Truck | = 152.00 Kms. |
| | (ii) Jeep | = 15.00 Kms. |
| 2) | Improvement and widening of narrow portions and curves | = 201.00 Kms. |
| 3) | Upgradation | = 171.00 Kms. |
| 4) | Culverts & Minor Bridges | = 3086 nos. |
| 5) | Permanent works | = 23,700 R.M. |
| 6) | Solling & Metalling | = 481.00 Kms. |
| 7) | Black topping | = 510.00 Kms. |

3 numbers of new road schemes are projected in addition to 29 numbers of spilled over scheme and town roads and villages approach roads.

2 numbers of bridges which are spilled over schemes and 10 numbers of new bridges shall also be taken up.

At the end of 8th Five Year Plan connectivity of villages is expected to be as under :-

(a) Above 1500 population 56 numbers of villages shall be connected and nil nos. shall remain to be connected.

(b) 1000-1500 population 286 numbers of villages shall be connected.

(c) 500-1000 population 171 numbers of villages shall be connected.

(d) Below 500 population 137 numbers of villages would be connected and 109 numbers shall remain to be connected.

Out of 737 villages 650 villages would be connected at the end of 8th Five Year Plan as against 623 villages at the end of 7th Five Year Plan. It may appear that too few villages are newly connected during 8th Five Year Plan. This is because the villages to which roads are constructed during 7th Five Year Plan are already connected by jeep road constructed under R.E.L.G.P. or E.G.S. under other agencies are not technically acceptable to be improved and hence new road proposed.

DIRECTION AND ADMINISTRATION :

The present work load is about Rs. 70 crores annually. This is inclusive of about Rs. 9 crores under Non-plan, Rs. 6.8 crore under N.E.C. Schemes and an about Rs. 1.00 crores from the other agencies. The existing strength is 4 (four) working circles and 11 (eleven) working divisions. The 4 (four) Circles are looking after building works as well as road works. During the 8th Five Year Plan the annual work load under road wings is expected to be raised to Rs. 55 crores and that of buildings to 22 crores. To cope up with this increased work load it is proposed to bifurcate road wings and buildings wings under two separate Chief Engineers.

After bifurcation under road wings, there will be 6 (six) working circles including Mechanical circles, out of which 4 (four) will be carried on from the existing circles and two will be 3 (three) working circles, out of which 1 (one) will be newly created and 1 (one) will be carried over from the existing circles.

Under road wings, there will be 17 (seventeen) working divisions including 3 (three) Mechanical divisions and 1 (one) Store Division. Out of 17 (seventeen), 11 (eleven) will be newly created. Under building wings, there will be 11 (eleven) working divisions including 1 (One) Store Division. Out of 10 (ten), 6 (six) will be carried on from the existing division and 4 (four) will be newly created. Details of the proposed post creation enclosed separately.

Detailed prepared structure of the organisation is as shown below and Rs. 620.00 lakhs is earmarked for the new post creation as mentioned above during 8th Five Year Plan under Roads and Bridges. 1 (one) number Chief Engineer, Office, 2 (two) numbers circles, 6 (six) numbers divisions and 10 (ten) numbers sub-divisions will be newly created.

Proposed Administrative Structures after
 Re-creation of the existing one into Road Wings and Building
 Wings during 8th Plan

I. Building Wings:-

1. Chief Engineer Office
2. Aizawl Building Circles :-
 - 1) Estate Maintenance Division.
 - 2) Aizawl Building Division
 - 3) Aizawl Capital Construction Division-I
 - 4) Aizawl Capital Construction Division-II
3. Aizawl Rural Building Circles:-
 - 1) western Building Division
 - 2) Eastern Building Division
 - 3) Central Store Division.
4. Lunglei Building Circle :-
 - 1) Lunglei Building Maintenance Division
 - 2) Lunglei Building Construction Division
 - 3) Saiha Building Division.

II. Road wings:-

1. Chief Engineer Office
2. Mechanical Circle:-
 - 1) Maintenance Division
 - 2) Operative Division-I
 - 3) Operative Division-II
3. Aizawl Road Circle :-
 - 1) Aizawl Road Division-I
 - 2) Aizawl Road Division-II
 - 3) Aibawk Division.
4. Lunglei Road Circle:-
 - 1) Lunglei Road Division
 - 2) Saiha Road Division
 - 3) Tlabung Road Division
5. Aizawl Rural Road Division:-
 - 1) Saitual Road Division
 - 2) Kolasib Road Division
 - 3) Serchhip Road Division
 - 4) Khawzawl Road Division
6. N.E.C. Road Circle:-
 - 1) N.E.C. Road Division-I
 - 2) N.E.C. Road Division-II
 - 3) N.E.C. Road Division-III
7. Road Central Store Division-

II. MACHINERIES AND EQUIPMENTS

It is seen that formation cutting works particularly in the interior is not very successful with manual labourers. Local labourers is very scarce and most of them have to be imported from the neighbouring states of Assam. Few roads are being executed towards the end of 7th Five Year Plan with machineries and the achievement is quite encouraging. Further, roller, Tippers, etc are also required to be purchase. Rs. 670.00 lakhs is, therefore, earmarked for the purposed of such machineries.

III. PLANNING, RESEARCH AND INVESTIGATION

This department have started one field laboratory during the 7th Five Year Plan for testing Road construction materials. But the equipments and facilities are still very much wanting. Rs. 50.00 lakhs is kept for purchase of such equipments and also for purchase of survey instruments and survey of new Schemes.

IV. OTHER EXPENDITURES (IB Horticulture etc.)

For construction of Inspection Bungalow at various locations and horticulture works along the roads Rs. 50.00 lakhs is earmarked during 8th Five Year Plan.

V. MAINTENANCE OF COMPLETED ROAD

Portions of the roads completed during the 7th Five Year Plan has been committed to Non-Plan for maintenance. But for maintenance of the portion which is completed during the 8th Five Year Plan, Rs. 170.00 lakhs is earmarked during the 8th Five Year Plan.

VI

A. DISTRICT AND OTHER ROADS1. AIZAWL-THENZAWL-LUNGLAI ROAD (17.1 KMS):-

The work is initially taken up as district road. As district road 60kms. of soling and metalling and 40kms. of black topping work have been completed between Aizawl - Sialsuk. Also 20 kms of soling and metalling and 12kms. of Black topping work have been completed between Lunglai and Thenzawl.

During the 8th Five Year Plan it is proposed to up-grade this road as State Highway. It is proposed to complete as State Highway between Aizawl and Thenzawl to black topping. The remaining work as State Highway between Lunglai-Thenzawl will be taken up during 9th Five year Plan.

Rs. 1340.00 lakhs is proposed during 8th Five Year Plan for the work of district road and State Highway.

x. 2. KOLASIB-PAIRABI-ZAMUANG ROAD (76kms):-

The portion between Kolasib-Bairabi is 46kms. in length along the new diversion. This portion is upgraded into State Highway Standard during the 7th five Year Plan as the Rail Head will reach Bairabi. This portion will be completed in all respect and which Rs. 450.00 lakhs is proposed during 8th Five Year Plan.

The portion between Bairabi-Zamuang will be taken up from Zamuang side. Rs. 100.00 lakhs is proposed during 8th Five Year Plan to complete this road as District Road Standard upto soling with essential cross drainages. The remaining work in this portion will be spilled over to 9th five Year Plan.

Rs. 550.00 lakhs is prepared for the whole length of this road.

3. LONGSEN-GRONGLE ROAD (55kms):-

Formation cutting of the whole length is completed at the end of 7th Five Year Plan with 20kms. of soling and metalling work.

During 8th Five Year Plan, it is proposed to complete the whole length as District Road upto black topping with essential culverts and permanent works. The remaining cross drainages and permanent works will be spilled over to 9th Five Year Plan.

Rs. 550.00 lakhs is proposed for this road.

VI. (B) RURAL ROADS UNDER M.N.P.

1. KEITUM-NORTH VANLAIPHAI ROAD (48Kms) :-

The total length of the road is 48Kms. and is U.D.R. standard. Formation cutting has been completed and few cross drainages work had been done during the 7th Five Year Plan.

During 8th Five Year Plan the road will be completed as U.D.R. standard upto black topping with necessary cross drainages and permanent work. Improvement works of 5kms. also will be done between 0-7kmp. where necessary curve improvement and widening works is required.

2. SALTUHL-PHULLEN ROAD (50Kms) :-

The total length of this road is 50kms. and is U.D.R. Standard, Formation cutting upto 22kms, had been completed. Between 22.50kms. formation cutting has been done in broken stretches leaving rocky portions and other hard stretches and about 80% has also been completed at the end of 7th Five Year Plan. The work of formation cutting is in progress and is being done by mechanising with Bull Dozer.

During 8th Five Year Plan the road is proposed to be completed in all respect and it is 480 lakhs earmarked for the purpose.

3. HNATHIAL-SOUTH VANLAIPHAI-DARZO ROAD (60Kms.) :-

The total length of the road is 60kms and is U.D.R. standar. Formation cutting has been completed with culvert works at few places in the first reaches, Solling and Metalling works upto 7kms has been done during 7th Five Year Plan.

During 8th Five Year Plan, solling/metalling and Black topping works with necessary cross drainages and permanent works will be completed upto Darzo which is 29kms from Hnathial and essential culvert at few places between Darzo and South Vanlai-phai will also be taken up during 8th Five Year Plan.

Rs. 300.00 lakhs is proposed during 8th Plan for this road.

The remaining works and bridges over river Tuipui near Darzo will be spilled over to 9th Five year plan for which survey and investigation works for the bridge will be completed during 8th Five Year Plan. The portion beyond Darzo will be opened during dry season as truck road.

4. SAIHA-BUALPUI-SANGAU ROAD (80kms) :-

The total length of the road is 80kms and is O.D.R. Standard. Formation cutting has been done. The full width of the road as O.D.R. is not completed at few rocky stretches, even though jeep can reach upto Sangau from Saha.

During 8th Five Year Plan, it is proposed to widened the road of narrow portions and open the road truckable as O.D.R. standard in full length and provide essential culvert and permanent works. The remaining works of sulling/metalling and black topping will be spilled over to 9th Five Year Plan.

Rs. 190.00 lakhs is earmarked to make the whole length of the road truckable during fair weather.

5. KHAWHAI-FRIST LUNGUAN ROAD (73kms) :-

The total length of the road is 73kms and is O.D.R. Standard. Formation cutting has been completed. Cross drainages work upto Biata i.e. 60kms also has been done. Sulling/Metalling upto 30kms i.e. Khawhai has been taken up and it is not yet completed during 7th Five Year Plan.

During 8th Five Year Plan, it is proposed to complete the whole length of the road upto black topping and ~~Rs.~~ Rs. 560.00 lakhs is provided.

6. BILKHAWTHLIR-CHAMPHAI-SAIHHAI ROAD (20kms) :-

The total length of the road is 20kms and is O.D.R. standard. At the end of 7th Five Year Plan formation cutting has been completed with 9kms of sulling/metalling.

During 8th Five Year Plan essential culvert, permanent work and sulling metalling along the hilly stretches will be taken up for which Rs. 50.00 lakhs is proposed.

7. BILKHAWTHLIR-PHAIJEN ROAD (20kms) :-

The total length of the road is 20kms, and formation cutting has been completed.

During 8th Five Year Plan the road is proposed to be widened at narrow stretches and construction of essential culvert and permanent work will be done. Rs. 55.00 lakhs is provided to link Cachar boarder. The road will be opened as truck road during dry season. The remaining works will be spilled over to 9th Five Year Plan so that this road can serve as an alternate road of National Highway-54 via Katlicherra and Mailakandi.

8. LUNGLAI-BUARPOI ROAD (80kms) :-

The total length of the road is 80kms formation cutting upto 45kms has been completed as U.D.R. Truck can reach Serte Village during dry season. No cross drainages work is done during the 7th Five Year Plan.

During 8th five year Plan, it is proposed to complete formation cutting, culverts and permanent works upto 80kms i.e. Buarpui. The remaining works of solling/metalling and black topping will be spilled over to 9th Five Year Plan.

Rs. 400.00 lakhs is earmarked during 8th Five Year Plan.

9. ZEMAPAWK-SILESIH ROAD (14kms) :-

The total length of the road is 14kms. Formation cutting of the road has been completed as an intermediate road of 7.5m wide. Cross drainages work as black topping upto 4kms has been completed.

During 8th five Year Plan, it is proposed to complete Black topping of the whole length as intermediate lane.

Rs. 100.00 lakhs is provided

10. HLIMEN-KHAWCHHETE-LUNGLANG ROAD (10kms) :-

The total length of the road is 10kms. Formation cutting upto Khawchhete i.e. 4kms including cross drainages work is completed during 7th Five Year Plan.

During 8th Five Year Plan formation cutting of the whole length will be completed with cross drainages and permanent works. Solling/metalling upto Lunglang will also be done.

Rs. 110.00 lakhs is proposed for this purpose.

11. AI ZAWL-TLAWNG-REIEK ROAD (30kms) :-

The total length of the road is 30kms. Formation cutting upto 15kms and cross drainages work upto 8kms has been completed.

During 8th Five year Plan formation cutting of the remaining length as jeep road shall be completed. Culverts and permanent works shall be done at essential portions.

Rs. 95.00 lakhs is provided for this purpose.

12. KAWL CHAW-TAWNGKAWLONG UPTO PALAK LAKE (80kms) :-

The total length of the road is 80kms. Formation cutting upto 50kms. has been completed and Jeepable at the end of 7th Five Year Plan. Formation cutting upto 20kms as truck road is completed.

During 8th Five Year Plan improvement and widening and formation cutting work will be taken up to make the road truckable upto Palak fertile area. Essential culverts and permanent works also will be taken up.

Rs. 360.00 lakhs is provided

13. SALHA-CHHUARLUNG-SALHA-CHAPUI-ZAWNGLING-TUIPANG ROAD (105 Kms) :-

The total length of the road is 105kms. At the end of 7th Five Year Plan the road is made jeepable upto 55kms from Salha side.

During 8th Five Year Plan construction of the remaining work will be taken up from Tuipang side so as to make the whole length of the road as jeep road. Essential culverts and permanent works will also be taken up.

Rs. 190.00 lakhs is proposed.

14. VAIKENGTE-SALPHAI ROAD (16kms) :-

The total length of the road is 16kms. Formation cutting and few culvert works has been completed.

During 8th Five Year Plan Improvement of works of narrow portions and remaining culvert and permanent works will be taken up for which Rs. 30 lakhs is earmarked.

15. CHAMPHAI-TIKU ROAD (20kms) :-

The total length of the road is 20kms and is O.D.R. Standard. About 5kms formation cutting has been completed and the remaining 5kms, has been done in broken stretches.

During 8th Five Year Plan the road will be completed as truck road including necessary culvert works for which Rs. 60 lakhs is provided.

16. KAWL CHAW-TUIPANG UPTO SERKAWR (20kms) :-

The total length of the road is 20kms. Formation cutting of the whole length has been completed.

During 8th Five Year Plan narrow portions and curves will be improved and cross drainages work will be completed upto Serkawr. Rs. 50.00 lakhs is provided for this purpose.

17. THENZAWL-CHHIPPHIR ROAD (26kms) :-

The total length of the road is 26kms and formation cutting of 10kms has been completed in broken stretches.

During 8th Five Year Plan formation cutting will be completed upto Chhipphir and narrow portions widened with provisions of necessary cross drainages and permanent works for which Rs. 100.00 lakhs is provided.

18. EAST LUNGDAR-KHEKKAWN ROAD (11kms) :-

The total length of the road is 11kms and is a short cut to connect National Highway-54 for the people of Sialhawk, Biate, East Lungdar villages which is located along Khawzawl-East Lungdar road. Formation cutting of 6kms. has been completed in broken stretches.

During 8th Five Year Plan the remaining formation cutting works will be completed and narrow portions and curves improved. Essential culverts and permanent works will be taken up to make the road truckable during dry season. The remaining work will be continued and spilled over to 9th Five Year Plan..

Rs. 65 lakhs is provided.

19. CHAWNGTE-BURAPANSURI ROAD (35kms) :-

The total length of the road is 35kms. Formation cutting of 15kms has been taken up and again suspended for the last 4 years due to fund constraint. All together about 10 kms. has been completed in broken stretches.

During 8th Five Year Plan the whole length will be completed with essential culverts and permanent works for which Rs. 260.00 lakhs is provided

VI PLAN SCHEMES.20. DILTILANG-CHAWNGTE ROAD (31 Kms.) :-

The total length of the road is 31 Kms. and is jeepable road. The road is important for administrative purpose as it connect Chawngte, the head quarter of Chakma district council with Saiha. Formation cutting of the jeep road has been completed and is opened for jeep.

During 8th Plan it is proposed to widen the road for light commercial vehicles and provide necessary culverts and permanent works for which Rs.30 lakhs is provided. The remaining work will be continued during 9th Five Year Plan.

21. HNAITHIAL-THINGSAL ROAD (80 Kms) :-

The total length of the road is 80 Kms. and proposed as jeep road and formation cutting of 10 Kms. upto river Tuichang had been completed as O.D.R. standard. The remaining works are in progress for jeep road through mechanization and 20 Kms completed.

During 8th Five Year Plan the remaining formation cutting will be completed with necessary culverts and permanent works for which Rs.200.00 lakhs is proposed.

22. NORTH VANJAIPHAI-THINGSAL ROAD (43 Kms) :-

The total length of the road is 43 Kms. Formation cutting for the first 20 Kms. had been completed as O.D.R.

During 8th Five Year Plan the remaining formation cutting will be completed and necessary curves and narrow portions improved, with provision of necessary cross drainages and permanent works. Rs.330.00 lakhs is proposed.

23. EAST PHAILENG-SUANGPUILAWN ROAD (46 Kms.) :-

The total length of the road is 46 Kms. and is O.D.R. standard. Formation cutting of 20 Kms. on Suangpuilawn side has been completed. Formation cutting of the remaining 26 Kms. is in progress and only 4 Kms. is left near E.Phaileng.

During 8th Five Year Plan formation cutting works will be completed and narrow portions widened, essential culvert and permanent works will be started from East Phaileng side. The remaining will be continued during 9th Five Year Plan.

Rs.190.00 lakhs is earmarked for this purpose during 8th Five Year Plan.

VII (A)

VII. PLAN SCHEMES.

24. KAWLKULH-LUNGPHO ROAD (70 Kms.) :- The total length of the road is 70 Kms. This road will be constructed first as a jeep road.

During 8th Five Year Plan, formation cutting will be completed upto 50 Kms. along the new alignment so that this jeep road can be widened as O.D.R. standard during 9th Five year Plan. Rs.220.00 lakhs proposed to construct 50 Kms. jeep road with necessary culverts and permanent works including Inspection Bungalows and out-houses at Lungpho during 8th Five Year Plan.

25. SAKAWRDAI-TOUMUN ROAD (14 Kms.) :-

The total length of the road is 14 Kms. About 11 Kms. has been completed.

During 8th Five Year Plan, formation cutting of the whole length will be completed as a truck road for which Rs.20.00 lakhs is provided.

NEW SCHEMES

26. RAWPUICHHIP-BUARPUI ROAD (100 Kms) :-

The total length of the road is 100 Kms. Survey work is started and the work is committed during 1990-91. This road will be an important linking of the southern and northern of Mizoram along the western ridges. This road will connect Lunglei-Buarpui road. Between Buarpui and Rawpuichhip, there are a number of villages which will benefit the construction of this road. The construction work of formation cutting will be started from Rawpuichhip side as O.D.R. standard and will be completed during 8th Five Year Plan.

Rs.620.00 lakhs is earmarked for this scheme during 8th Five Year Plan.

27. KHAWBUNG-FAJKAWN ROAD (70 Kms) :-

The total length of the road is 70 Kms. It is proposed to improve existing jeep road constructed some years back and to complete the whole length as jeep road as the existing road is unfit during rainy season.

Rs.100.00 lakhs is earmarked for the purpose.

28. LAWNGTLAI-RAWIBUK JEEP ROAD (70 Kms.) :-

The total length of the road is 70 Kms. Pawl District Council Head Quarter located at Lawngtlai without going through Lakher area. To link the eastern part of Pawl District directly to Head Quarter Lawngtlai, construction of this road is necessary. Hence, Rs.50.00 lakhs is provided to start the work of formation cutting during 8th Five Year Plan.

APPROACH ROAD AND INTERNAL ROADS OF
VILLAGES AND SATELLITE TOWNS (M.N.P.)

Under rural roads short approaches from main road to villages and satellite towns and small internal roads to villages and satellite towns are also taken up. Under such schemes, 47 Kms. of new roads is proposed to be constructed for various villages and satellite towns within the state. About 28 Kms. of improvement and widening of such roads 265 numbers of culverts, 2650 running metre of retaining walls, 25 Kms. of rolling & metalling and 25 Kms. of black topping will also be taken up within the various villages and satellite towns.

Rs.870.00 lakhs is provided for the purpose.

ROADS WITHIN TOWNS.

Roads within Aizawl Capital town, Lunglei town and Saiha town are taken up under this schemes. During the 7th Five Year Plan Rs.600.00 lakhs is provided under this sub-head.

During the 8th Five Year Plan Rs.1770.00 lakhs is proposed for the following targets :-

- | | | |
|----|------------------------|-----------|
| 1) | Formation cutting | = 80 Kms. |
| 2) | Improvement & Widening | = 35 Kms. |
| 3) | Cross drainages | =410 nos. |
| 4) | Retaining walls about | =680 Km. |
| 5) | Solling & metalling | = 68 Kms. |
| 6) | Black topping | = 68 Kms. |

BRIDGES

Construction of bridges in Mizoram is started only from the 6th Five Year Plan. At the end of 7th Five Year Plan 5 (five) numbers of bridges have been constructed which are :-

- 1) Tlawng bridges on Lunglei-Thenzawl road.
- 2) Vanva bridge on Lunglei-Thenzawl road.
- 3) Tuisuampui bridge on Lawngtlai-Saiha road.
- 4) Teirei bridge on Kolasib-Zamuang road.
- 5) Tuichhuahen bridge on Kolasib-Bsirabi road.

During the 8th Five Year Plan the following bridges are proposed to be constructed and Rs.635.00 lakhs is earmarked for the purpose.

- 1) Teirei bridge on Bairabi-Zamuang road (spilled out)
- 2) Tuivawl bridge on E.Phaileng-Suangpuilawn road.
- 3) Tuivawl bridge on Saitual-Phullen road.
- 4) Serlui 'b' bridge on Chaphai road.
- 5) Jeepable suspension bridge on river Tlawng on Reiek road.
- 6) Tlawng bridge on Bairabi-Zamuang road.
- 7) Jeepable suspension bridge on Hnabthial-Thingsai road.
- 8) Tuivawl bridge on Hnabthial-S.Vanlaiphai road.
- 9) Minor bridge on Saihapui quarry road.
- 10) Tuivawl suspension bridge on Phuaibuang road.
- 11) Tuichuang suspension bridge on Shawngte road.
- 12) Kawlchaw lui bridge on Kawlchaw-Tawngkolong road.

VII - B - 1

ABSTRACT OF 8TH FIVE YEAR PLAN
ANNUAL PLAN 1990-91 AND 1991-92
ON ROAD TRANSPORT

Rs. in lakhs

	Outlay 1990-95	Approved outlay 1990-91	Proposed 1991-92
1. <u>ACQUISITION OF FLEET</u>			
a) Purchase of Bus	510.00	100.00	80.00
b) Purchase of R/Van	15.00	-	-
2. <u>LAND AND BUILDING</u>			
a) Construction of New Bus station Silchar	130.00	10.00	50.00
b) Re-constuction/improvement of Depot-cum-Workshop at Chaltlang.	100.00	3.00	7.00
c) Construction of staff quarter at various station.	50.00	-	-
d) Improvement of existing Bus station	36.00	13.00	-
e) Construction of additional building near the main Directorate building at Aizawl.	80.00	-	-
3. <u>WORKSHOP FACILITIES</u>			
a) Improvement of Central Workshop including security fencing.	35.00	10.00*	5.00
b) Purchase of plant and machineries for Central Workshop.	65.00	15.00	20.00
c) Construction of servicing shed excluding all equipments.	20.50	-	5.00
d) Construction of office staff quarter at Central Workshop.	20.00	-	-
e) Entertainment of post for Central Workshop.	63.00	7.50	4.00
4. Compensation to Accident victims.	70.50	0.50	10.00
5. Grand-in-aid to staff Welfare Fund.	10.00	1.00%	2.00
6. Research & Training	10.00	2.00	2.00
7. State Transport Corporation.	5.00	-	-
G.TOTAL:	1220.00	162.00	195.00

APPROACH TO THE 8TH FIVE YEAR PLAN 1990-95 ON ROAD TRANSPORT

Road Transport is the principal means of Transport in Mizoram. The 8th Five Year Plan, therefore, envisages long term planning and better management of road transport system in the State which are briefly enumerated as follows. The total proposed outlay is Rs. 1220.00 lakhs against the total outlay of Rs.600.00 lakhs during 7th Five Year Plan.

1) Acquisition of Fleet : (a) Buses: At present, the Mizoram State Transport is operating passenger Bus service in 30(thirty) different routes some of which are only fair weather routes. There are 110 Buses held by the Department. During the 8th Plan period, about 83 existing buses will become overaged and have to be disposed off. For replacement of old and overaged buses and also to augment the fleet strength to 120, it will be required to purchase 33 buses during the plan period and the approximate financial involvement will be Rs.510.00 lakhs.

b) Recovery Van: There are 2 (two) Recovery Van in the Deptt. These 2 (two) vehicles will become overaged during the plan period as such it is proposed to purchase 2(two) new Recovery/vehicles with financial involvement of Rs.15.00 lakhs.

2. LAND AND BUILDING

a) Construction of new Bus Stations: With a view to provide better facilities to the operating staffs as well as to the travelling passengers, it is proposed to construct new Bus stations at the following places -

1) Silchar	-	Rs. 110.00 lakhs
2) Hnahthial	-	Rs. 6.00 "
3) Marpara	-	Rs. 4.00 "
4) Parva	-	Rs. 4.00 "
5) Tuipuibari	-	Rs. 3.00 "
6) Sialsuk	-	Rs. 3.00 "

The approximate financial involvement is estimated to be Rs. 130.00 lakhs.

b) Re-construction/improvement of Depot-cum-Workshop at Chaltlang, Aizawl.

The existing Depot-cum-Workshop at Chaltlang has become congested and required re-construction and improvement for which a provision of atleast Rs. 100.00 lakhs will be required.

c) Construction of Officer/Staff Quarters at various station:

For accommodations of officers and staff, it is proposed to construct quarters at the following places during the plan period.

1) Lunglei Type I & III	-	Rs. 10.00
2) Saiha Type I & III	-	Rs. 10.00
3) Lawngtlai Type-II	-	Rs. 6.00
4) Tlabung -II	-	Rs. 6.00
5) Champhai -II	-	Rs. 6.00
6) Vairengte -II	-	Rs. 6.00
7) Kolasib -II	-	Rs. 6.00

The total financial requirement is Rs, 50.00 lakhs.

d) Improvement of existing Bus stations

For maintenance and improvement of the following existing Bus stations, it is proposed to provide Rs. 36.00 lakhs during the plan period.

1) Improvement of existing Bus Terminal-cum-Office Building at Aizawl:

At present there is no proper facilities like retiring room, canteen, left luggage room, dormitory for drivers of night services for the inter state Bus services. An amount of Rs.10.00 lakhs is proposed.

2) Lunglei	-	Rs. 3.00
3) Saiha	-	Rs. 3.00
4) Tlabung	-	Rs. 1.00
5) Lawngtlai	-	Rs. 2.00
6) Champhai	-	Rs. 2.00
7) Kolasib	-	Rs. 2.00
8) Saitual	-	Rs. 1.00
9) Khawzawl	-	Rs. 1.00
10) Darlawn	-	Rs. 1.00
11) Phaileng	-	Rs. 1.00
12) Serchhip	-	Rs. 1.00
13) Vairengte	-	Rs. 2.00
14) Tuipang	-	Rs. 2.00
15) Thenzawl	-	Rs. 2.00
16) N.Vervek	-	Rs. 2.00

d) Construction of additional building near the main Directorate building at Aizawl.

To provide better facilities to the travelling passenger and to house the operating staff it is proposed to construct additional building near the main Directorate building for which a provision of Rs.80.00 lakhs is proposed.

3. WORKSHOP FACILITIES :

a) Improvement of Central Workshop:

The new Central Workshop at S.Hlimen requires further improvement inside and outside the building for which a token provision of Rs. 35.00 lakhs is proposed for the plan period.

b) Purchase of Plant and Machineries:

To function the Central Workshop some plant and Machineries are required to be purchased for which Rs. 65.00 lakhs is proposed for the plan period and break up of the fund may be seen at Annexure-I.

c) Construction of Servicing shed including all equipments

1) Construction of servicing shed has not been included in the scheme and it is essential to take up the construction of priority. It is, therefore, proposed to provide Rs.20.50 lakhs for construction of servicing shed with all equipments during the plan period.

d) Construction of staff Quarters

The following quarters are proposed to be constructed for officer and staff :

- | | | | | | | |
|---------|---|-----|---|-------|-----------|------------------------------------|
| 1) Type | - | I | - | 3 Nos | = Rs.7.00 |) To be constructed during 1991-92 |
| 2) Type | - | II | - | 2 nos | = Rs.7.00 | |
| 3) Type | - | III | - | 1 no | = Rs.6.00 | |

Rs.20.00 lakhs is proposed for construction of the above quarters.

e) Entertainment of posts:

To man the Central Workshop different categories of posts are required to be created on priority

Rs. 63.00 lakhs will be required for entertainment of the posts annually.

4. FUND FOR COMPENSATION TO ACCIDENT VICTIMS

To provide compensation to accident victims it is proposed to provide Rs. 70.50 lakhs in the 8th Five year Plan.

5. GRANT IN AID TO STAFF WELFARE FUND:

Mizoram State Transport is run by the Department and there is no financial benefit scheme existing for the staffs who may die in harness or incapacitated whether due to accidents or for any other reason. It is, therefore, felt necessary to provide financial assistance to the staff who are in distress for which Rs. 10.00 lakhs are proposed in the 8th Five Year Plan.

6. RESEARCH AND TRAINING

To impart training to both technical and non-technical staff outside the State at the rate of 10 persons per year, it is proposed to provide Rs. 10.00 lakhs in the 8th Plan.

7. STATE TRANSPORT CORPORATION:

In the interest incentive, modivation Welfare of the employees as well as in view of the financial constraint of the Govt. the working Group recommended conversion of Departments undertaking into a State Transport Corporation as earlier as possible. With a view to set up Mizoram State Transport Corporation token amount of Rs.5.00 lakhs was proposed during the plan.

APPROVED ANNUAL PLAN 1990-91 AND PROPOSED ANNUAL PLAN 1991-92 ON ROAD TRANSPORT

INTRODUCTION : Road Transport is the principal means of Transport in Mizoram. The approved & proposed outlay for 1990-91 and 1991-92 respectively with the schemes to be taken up are indicated below :

	Approved Annual Plan 1990-91	Proposed Annual Plan 1991-92
1. DIRECTION & ADMINISTRATION	33.50	71.00
2. ACQUISITION OF FLEET	100.00	80.00
3. WORKSHOP FACILITIES	25.00	30.00
4. FUND FOR COMPENSATION TO ACCIDENT VICTIMS	0.50	10.00
5. GRAND-IN-AID TO STAFF WELFARE FUND	1.00	2.00
6. RESEARCH AND TRAINING	2.00	2.00
TOTAL:	162.00	195.00

ITEM-WISE DESCRIPTION

1. DIRECTION AND ADMINISTRATION

To strengthen the Central Workshop, a provision of Rs. 7.50 lakhs for six months is required for entertainment of existing different categories of post during 1990-91.

Again, To man the Central Workshop and to strengthen the Accounts section a provision of Rs. 4.00 lakhs is proposed for 3 months during 1991-92.

b) Construction of New Bus Stations: With a view to provide better facilities to the operating staff and travelling passengers, it is proposed to construct new Bus station at Silchar during 1990-1992. Rs. 10.00 lakhs is approved for 1990-91 and Rs. 60.00 lakhs is proposed for 1991-92 for purchase of land and construction.

c) Improvement of existing Depot-cum-Workshop at Chaltlang

To existing Depot-cum-Workshop at Chaltlang required improvement for which a provision of Rs.3.00 lakhs is approved during 1990-91 and Rs. 7.00 lakhs is proposed for the plan period 1991-92.

d) Improvement of existing Bus stations

The following Bus stations are required for maintenance and improvement during the Annual Plan 1990-91 for which a provision of Rs.13.00 lakhs is provided.

1.	Aizawl	-	Rs. 4.00 lakhs
2.	Lunglei	-	Rs. 2.00 "
3.	Saiha	-	Rs. 1.00 "
4.	Flabung	-	Rs. 1.00 "
5.	Lawngtlai	-	Rs. 0.50 "
6.	Thenzawl	-	Rs. 0.50 "
7.	Champhai	-	Rs. 1.00 "
8.	Hnahthial	-	Rs. 2.00 "
9.	Kolasib	-	Rs. 1.00 "

TOTAL: Rs.13.00 lakhs

2. ACQUISITION OF FLEET

a) Buses: For replacement of old and overaged buses it is approved to purchase 20 buses during 1990-91 for which Rs.100.0 lakhs is provided and it is proposed to purchase 15 buses during the year 1991-92 with financial involvement of Rs.80.00 lakhs.

3. WORKSHOP FACILITIES

a) Improvement of Central Workshop : The new Central Workshop S.Hilmen requires security fencing to prevent public thorough and theft for which Rs.10.00 lakhs is approved during 1990-91 and Rs. 5.00 lakhs is proposed for the year 1991-92.

b) For construction of servicing shed at Central Workshop it is proposed Rs.5.00 lakhs for the plan period 1991-92.

c) Purchase of Tools and Machinerics: To function the Central Workshop some tools and machinerics are required to be purchased for which Rs.15.00 lakhs are approved during the plan 1990-91 and Rs.20.00 lakhs is proposed for the year 1991-92. Details of items to be purchase during 1990-91 and 1991-92 are given below :

In 1990-91	Quantity	In 1991-92	Quantity
1. Hack Show Machine	1	1. FIP Calibration test bench with electronic phasing arrangement.	- 1
2. Oxygen Acctylene gas welding and cutting set.	- 2	2. Valve sheet Grinder	- 1
3. Battery charger	- 1	3. Crankshaft grinder (Automatic)	- 1
4. Car Washer	- 1	4. Vertical cylinder fine boring machine	- 1
5. Airline with metre for inflating tyres	- 2	5. Sheet Metal cutting machine	- 2
6. Hand platform trolley	- 5	6. Hack show machine	- 1
7. Toe-In-guage(wheel allernent guage)	- 1	7. Leaf spring recunbering machine.	- 1
8. One Welding transformer welding and cutting set.	- 2	8. Conventional type retreading plant with accessories.	- 1
9. Electric starter and Dynamic cost bend Battery heavy Discharge Tester.	- 1		
10. Battery heavy Discharge Tester.	- 2		
11. Tyre Retreading plant	- 2		
TOTAL:	20	TOTAL:	9

4. FUND FOR COMPENSATION TO ACCIDENT VICTIMS: To provide compensation to accident victims Rs. 0.50 lakhs is approved during 1990-91 and Rs. 10.00 lakhs is proposed for the year 1991-92.

5. GRANT-IN-AID TO STAFF WELFARE FUND :

Mizoram State Transport is run by the Department and there is no financial benefit scheme for the staff who may die in harness or incapacitated whether due to accidents or for any other reasons. It is, therefore, felt necessary to provide financial assistance to the staff who are in distress for which Rs. 1.00 lakhs is approved during the plan period 1990-91 and Rs. 2.00 lakhs is proposed for the year 1991-92.

6. RESEARCH AND TRAINING: To impart training to both technical and non-technical staff outside the state at the rate of 10 persons per year, it is approved to provide Rs.2.00 lakhs during the plan period 1990-91 and Rs.2.00 lakhs is proposed for the year 1991-92.

A N N E X U R E - 1

ROUGH ESTIMATE FOR PROCURING TOOLS AND
MACHINERIES FOR CENTRAL WORKSHOP

Sl.No.	Name of Items	Quantity	Approximate Total Cost.
	FIP Calibration test Bench with electronic phasing arrangement.	1 No.	Rs. 3,50,000.00
2.	Valve Sheet Grinder	1 "	Rs. 6,000.00
3.	Granshaft grinder (automatic)	1 "	Rs. 6,00,000.00
4.	Vertical Cylinder fine boring Machine.	1 "	Rs. 2,00,000.00
5.	Sheet metal cutting Machine	2 "	Rs. 8,000.00
5.	Hack Saw Machine	2 "	Rs. 1,60,000.00
7.	Leaf spring recumbering Machine.	1 "	Rs. 1,50,000.00
8.	Tyre retreading plant with all accessories (conventional & pre-cure)	1 "	Rs.12,65,600.00
9.	Oxygen-Accyline gas welding and cutting set.	2 "	Rs. 6,000.00
10.	Battery charger	1 "	Rs. 3,000.00
11.	Car Washer	1 "	Rs. 7,000.00
12.	Airlane with metre for inflating tyres.	2 "	Rs. 1,500.00
13.	Hand Platform trolley	5 "	Rs. 8,500.00
14.	Toe-in-guage (Wheel alignment guage)	1 "	Rs. 1,600.00
15.	One Welding Transfermer welding and cutting set.	2 "	Rs. 12,000.00
16.	Electrigral Starter and Dynamo tester Bench.	1 "	Rs. 25,000.00
17.	Battery Heavy Discharge Tester	2 "	Rs. 600.00
18.	Mobile maintenance unit including chassis, body & equipment.		Rs. 6,00,000.00
TOTAL			Rs.34,04,800.00

DRAFT 8TH FIVE YEAR PLAN-INLAND WATER TRANSPORT

INTRODUCTION:

In Mizoram, there is not much work under I.W.T. due to the absence of navigable waterways in the State. In the true sense, there is hardly any river worth developing as main transport means. However, other means of transportation, such as road communication, is still very poor in the State, particularly in the interior regions. About 80 percent of the total population lives in the rural areas and their livelihood depends mainly on agricultural products. Such agricultural products and other essential commodities have to be transported by means of riverways to the market centres.

The discharge of rivers in Mizoram varies widely. During monsoon seasons, large quantities of debris, logs, boulders, etc., are deposited along the river banks due to floods. These obstructions have to be cleared continually when the water level recedes in the dry season. In fact, this is the main work under I.W.T. in Mizoram.

Most of the roads in the rural areas are operative during dry season only. River crossing operations, i.e. ferry services, apart from the services along the rivers are, therefore, independent of the road transport system for a greater part of the year. The ferry services are, therefore, operated under I.W.T. schemes.

In order to determine the potentials of the rivers and to improve a few existing navigation systems, Survey & Investigation is undertaken.

During the 7th Plan, Rs. 30.00 lakhs was allocated for the various works under I.W.T. and the total expenditure upto March'90 was Rs. 30.08 lakhs. Under I.W.T., Rs. 80.00 lakhs is projected for the 8th Plan. Details of the schemes proposed is described below.

A. DIRECTION AND ADMINISTRATION :

There is one Sub-Division to look after all the works under I.W.T. in Mizoram. The Sub-Division is working under one P.W.D. Road Division. No new creation is proposed during the 8th Plan.

B. MECHINERY AND EQUIPMENT:

For removal of debris and boulders obstructing rivers in the riverways, two air compressors and drilling equipments are proposed to be purchased for these operation two small motorised boats will also be purchased Rs. 5.00 lakhs is proposed during the 8th Plan for this purpose.

C. LOCK GATES:

Lock Gate is proposed to be constructed on River Tuichang at the crossing point of BRTF Road of Lunglai to Demagiri. Which will make the river navigable upto Chaungte Town. Besides this, the water will link upto beyond Chaungte Town towards the South western parts of the Chekma area. Where there is no motorable road. This will help the local people to transport their goods by boat to Chaungte Town and beyond. Rs. 25.00 lakhs is proposed during the 8th Plan for this scheme.

D. FERRY SERVICES:

As described earlier, ferry services in the rural areas where the roads are operative during dry season only are taken up under I.W.T. The maintenance and upgradation works of Laungtlai ferry on River Chhimtuipui Hairahi ferry on River Tlawng, Chaungte ferry on River Chaungte and Darzu ferry on River Chhimtuipui will be taken up during the 8th Plan with a proposed outlay of Rs. 5.00 lakhs.

E. REMOVAL OF OBSTRUCTIONS:

Under this schemes, large quantities of debris, logs, boulders and other obstructions deposited during flood seasons are cleared and removed. When the water subsides in the dry season, this work have to be continued throughout the dry season Rs. 30.00 lakhs is provided during the 8th Plan for various navigable rivers in the State.

F. SURVEY AND INVESTIGATION:

Chhimtuipui river which starts from Burma flows through half the length of Mizoram towards the South into Bangladesh and empties itself into the Bay of Bengal. This river shall be surveyed during the 8th Plan as it may have good potentials as International Waterway, apart from serving as internal waterway within the State.

Survey of Tuichang river for improvement of the water by means of water-logging system shall also be investigated. Rs. 25.00 lakhs is proposed during the 8th Plan for these purposes.

-----VII-B-----
 ABSTRACT OF 8th FIVE YEAR PLAN
 ANNUAL PLAN 1990-91 AND 1991-92 Rs. in lakhs,
 (MOTOR VEHICLES WING)

	OUTLAY 1990-95	APPROVED OUTLAY 1990-91	PROPOSED 1991-92
<u>LAND AND BUILDING</u>			
a) Acquisition of Land and Construction of Office building including maintenance for office of Commissioner of Transport.	21.00	-	-
b) Acquisition of Land and Construction of Office building including maintenance for D.T.O. Aizawl.	7.00	1.00	1.00
c) Acquisition of Land and Constructions of Office building including maintenance for D.T.O. Lunglei.	8.00	3.00	2.00
d) Acquisition of Land and Construction of Office building including maintenance for D.T.O. Saiha.	8.00	2.00	2.00
<u>CREATION OF ADDITIONAL POST</u>			
(a) Creation of Post for Comnr. of Transport.	15.00	-	1.60
<u>PURCHASE OF TESTING MACHINERY FOR SMOKE EMISSION ETC.</u>			
	8.00	2.00	2.00
<u>PURCHASE OF VEHICLE</u>			
(a) Purchase of 3 Jeeps and 3 Motors cycles.	5.00	-	1.50
<u>FUND FOR OBSERVANCE OF ROAD SAFETY WEEK.</u>			
	8.00	-	2.00
TOTAL	80.00	8.00	12.10

VII B - 2
APPROACH TO THE 8TH FIVE YEAR PLAN 1990-95
ON MOTOR VEHICLE WING

The main function of the M.V. Wing is to enforce M.V. Acts and Rules, Due to rapid increase in vehicle population in the state, the works of the M.V. Wing have become more and more complicated. In order to cope up with the day to day increase of work, the M.V. Wing requires all round strengthening and improvement. The 8th Five Year Plan, therefore, envisages the following points which are enumerated as below. The total proposed outlay in Rs. 80.00 lakhs against the total outlay of 35.00 lakhs during the 7th Five Year Plan.

1. LAND AND BUILDING : There are 3 district offices at Aizawl and Lunglei and Saiha. It is, therefore, proposed to construct 4(four) offices at Aizawl, Lunglei and Saiha for which requirement of fund is indicated against each scheme.

- a) Acquisition of land and construction of Office building including maintenance for commissioner of Transport at Aizawl - Rs. 21.00 Lakhs.
- b) Acquisition of Land Construction of office building including maintenance for D.T.O. Office at Aizawl Rs- 7.00 lakhs.
- c) Acquisition of land and construction of office building including maintenance ofr District Transport Office at Lunglei - Rs. 8.00 lakhs.
- d) Acquisition of Land and construction of office building including maintenance for D.T.O. office at Saiha Rs. 8.00 lakhs.

2. ENTERTAINMENT OF PROPOSIS: At present, the Motor vehicle Wing is functioning as one of the branches under the Dte. Transport besides district Offices at Aizawl, Lunglei and Saiha under the control of the D.T.O., there is a proposal to established commissionariate of transport to look after the S.T.A. and other policy matter in connection with enforcement of M.V. Acts and rules. In order to strengthen the existing establishments and also to set up transport commissionariate, a provision of Rs. 15 lakhs is proposed during the Plan period.

PURCHASE OF TESTING MACHINERY FOR SMOKE EMISSION :

In order to smooth and strengthening the functions of enforcement of M.V. Acts and Rules, it is proposed to purchase of machines for smoke emission test of vehicles during the Plan period for which a provision of Rs. 8.00 lakhs is proposed.

4. PURCHASE OF VEHICLE : At present, there are three jeeps and 4 (four) Motor Cycle which are inadequate to smooth enforcement duties. It is proposed to purchase 3 jeeps and 3 motor cycles for use of officers and enforcement staffs for which Rs. 5.00 lakhs is proposed during the Plan period.

5. FUND FOR OBSERVANCE OF ROAD SAFETY WEEK : As desired by the Central Government, Road safety week has to be observed every year for reducing road accident. It is also desired by the Central Govt. that a Road safety cell should be opened in each state under the direct control of the State Road Safety Council. At present, there is no such separate fund for observance of Road Safety week. It is therefore, proposed to provide Rs. 8.00 lakhs for the Plan period.

APPROVED ANNUAL PLAN 1990-91 AND PROPOSED ANNUAL PLAN 1991-92 ON MOTOR VEHICLE WING :

At present, the Motor Vehicle Wing is functioning as one of the branches under the Directorate of Transport. The main function of M.V. Wing is to enforce M.V. Acts and Rules. The work of M.V. Wing have become more and more complicated due to rapid increase in vehicle population in the state. In order to cope up with the day to day increase of works, the M.V. Wing requires all round strengthening and improvements. The Annual Plan, therefore, envisages the following points which are enumerated below and outlay of Rs. 8.00 lakhs is approved for the Annual Plan 1990-91 and Rs. 12.10 lakhs is proposed for the Annual Plan 1991-92.

VII - B - 4

	<u>Abstract of Annual Plan 1990-91</u>	<u>Proposed to the Annual P Plan 1991-92</u>
1. LAND BUILDING	Rs. 6.00 Lakhs	Rs. 5.00 lak
2. CREATION OF ADDITIONAL ALL POST	Rs. -	Rs. 1.60
3. PURCHASE OF TESTING MACHINERY FOR SMOKE EMISSION ETC.	Rs. 2.00 Lakhs.	Rs. 2.00 "
4. PURCHASE OF VEHICLE	-	Rs. 1.50 "
5. FUND FOR OBSERVANCE OF ROAD SAETY WEEK.	-	Rs. 2.00 "
TOTAL :	Rs. 8.00 Lakhs.	Rs. 12.10 L

ITEM WISE DESCRIPTION

1. LAND AND BUILDING ; There are three District Offices at Aizawl Lunglei and Saiha and there is also a proposals to set up office commissionariate of Transport. The following are the approved and proposes Annual Plan for 1990-91 and 1991-92.

	<u>Approved Annual Plan 1990-91</u>	<u>Proposed Annual Plan 1991-92</u>
(a) Acquisition of Land and construction of office building including maintenance for office of commissionariate of Transport at Aizawl.	-	-
(b) Acquisition of land and construction of office building including maintenance of for Dist. Transport Office Aizawl.	Rs. 1.00 Lakhs	Rs. 1.0 Lakhs.
(c) Acquisition of land and construction of Office building including maintenance for D.T.O. Lunglei.	Rs. 3.00 Lakhs	Rs. 2.00
(d) Acquisition of land and construction office building including maintenance for D.T.O. Saiha.	Rs. 2.00 "	Rs. 2.00
TOTAL :	Rs. 6.00 Lakhs.	Rs. 5.00

2. CREATION OF ADDITIONAL POST : To set up Transport commissioneria-
 riate, the financial requirement for entertainment of different
 categories of posts for 4 months Rs. 1.60 is proposed for the plan
 period 1991-92.

3. PURCHASE OF TESTING MACHINERY FOR SMOKE EMISSION ETC.

For implementation of Rule 115(2) of the Central Motor vehicle
 rules, 1989 regarding checking of emission of smoke vapour etc. from
 motor vehicles it is required to purchase some sophisticated ma-
 chines during the plan period 1990-91 and 1991-92 as follows.

<u>Approved for</u> <u>1990-91</u>	<u>Proposed for</u> <u>1991-92</u>
Rs. 2.00 lakhs	Rs. 2.00 lakhs.

4. PURCHASE OF VEHICLES : There is a proposal to establish
 commissioneriate of Transport to look after the State Transport
 Authority and other policy matter in connection with enforcement
 of M.V. Acts and Rules during the Annual Plan 1991-92. And it is
 proposed to purchase 1 jeep for use for officer and Rs. 1.50 lakhs
 is proposed during the annual plan 1991-92.

5. FUND FOR OBSERVANCE OF ROAD SAFETY WEEK :

As desired by the Central Government, Road safety
 week is to be observed every year for reduction road accidents.
 It is therefore, proposed to provide Rs. 2.00 lakhs for the Annual
 Plan 1991-92.

- GOVERNMENT OF MIZORAM -
SCIENCE, TECHNOLOGY & ENVIRONMENT
DRAFT 8TH FIVE YEAR PLAN (1990-'95)

ANNUAL PLAN 1991-1992

INTRODUCTION : The activities of Science, Technology & Environment in Mizoram started from the year 1986.

The Mizoram Council of Science, Technology and Environment was constituted in 1985 with Chief Minister as the Chairman and the Council is the highest policy making body in respect of Science, Technology & Environment. An Executive Committee had also been formed within the Council with the Development Commissioner as the Chairman.

During the 7th Plan a token provision of Rs.20.00 lakh only was allocated for Science, Technology & Environment. However, the total expenditure during the 7th Plan amounts to Rs.67.00 lakh. During 1990-'91, the approved outlay is Rs.30.00 lakh.

As Mizoram is still lagging quite far behind in the development of Science & Technology compared to other States, a quantum leap is essential during the 8th Plan in order to catch up with the trend in development of Science & Technology and to provide tangible and effective services to the people.

During the 7th Plan, various schemes/Projects were initiated. Hence, most of the programmes envisaged to be taken up in the 8th Plan are continuation of the ones already started during the 7th Plan.

The following points may be noted.

As the Department does not have building of its own, accomodation is arranged in a rented private building for office, Remote Sensing Laboratory, NIC Computer Centre etc. A sizeable amount of money is being expended from the Plan Fund for rent every year.

Contd....2/-

2. The State Government had allocated a convenient space in the proposed Secretariat Complex at Khatla for the Department of Science & Technology. Hence, it is proposed to construct buildings for office accomodation, Laboratories, Library and Conference Hall etc. during the 8th Plan which will solve the long felt need.

The following are the proposed financial requirement under Science, Technology & Environment for 8th Five Year Plan and Annual Plan 1991-'92.

Sl.No	Item of Expenditure.	8th Plan 1990-'95 (Rs.in lakh)	Annual Plan 1991-1992 (Rs.in lakh)
1.	Direction & Administration	38.00	8.00
2.	Science & Technology	195.00	48.00
3.	Ecology & Environment	17.00	4.00
T O T A L :		250.00	60.00

Contd....3/-

ITEM-WISE DESCRIPTION OF THE SCHEMES

DIRECTION & ADMINISTRATION

As more Science & Technology programmes are envisaged to be undertaken during the 8th Plan period more Scientific/Technical Manpower will be required. The following statement indicates both physical and financial targets both for 8th Plan and Annual Plan 1991-'92 under this scheme :

(a) Appointment of Staff

(Rs. in lakh)

Sl No.	Item of Expenditure.	8th Plan		Annual Plan 1991-'92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Principal Scientific Officer (Rs. 4500 - 5700/-)	1			
2.	Senior Scientific Officer (Rs. 3700 - 5000/-)	1			
3.	Scientific Officer (Rs. 3000 - 4500/-)	4		1	
4.	Systems Analyst. (Rs. 3000 - 4500/-)	1			
5.	Computer Operator. (Rs. 1640 - 2900/-)	1		1	
6.	Junior Engineer (Rs. 1640 - 2900/-)	1			
7.	Cartographer II (Rs. 1400 - 2600/-)	1	10.00		4.00
8.	Librarian (Rs. 1640 - 2900/-)	1			
9.	Assistant (Rs. 1640 - 2900/-)	1			
10.	U.D.C. (Rs. 1400 - 2600/-)	2		1	
11.	Stenographer III (Rs. 1400 - 2600/-)	1			
12.	L.D.C. (Rs. 1200 - 2040/-)	3		1	
13.	Field Assistant (Rs. 1200 - 2040/-)	2		1	
14.	Driver. (Rs. 950 - 1150 /-)	1		1	
15.	Duftry (Rs. 800 - 1150/-)	1		1	
16.	Laboratory Assistant (Rs. 800 - 1150/-)	1			
17.	Group 'D' (Rs. 775 - 1025/-)	3		1	

Contd...4/-

Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-'92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
(b)	Accommodation (Rental)		8.00		2.00
(o)	Travelling Expenses		4.00		1.00
(A)	Office Equipments & Stationeries		4.00		0.50
(c)	Construction of Building		10.00		
(f)	Maintenance of vehicle		2.00		0.50
T O T A L :		26	38.00	8	8.00

SCIENCE & TECHNOLOGY

1. Satellite Remote Sensing Centre :

For survey and management of Natural Resources a State Remote Sensing Application Centre had been established. Various visual interpretation equipments had been purchased.

A nation-wide "Land use Land Cover Mapping Project" in respect of Mizoram was carried out in collaboration with Scientists from National Remote Sensing Agency (NRSA) using 1:2,50,000 Scale Landsat and IRS IA imageries. Now our Scientists are engaged in the following projects :-

- (1) Studies on Dynamics of shifting cultivation and its effect on the Forest-Eco-system.
- (2) Reconnaissance Soil Survey and Watershed Analysis.

For upgradation of the Centre, the Department of Space, Government of India released a grant of Rs.15.00 lakh for purchasing Digital Image processing System.

The following statement indicates the proposed physical and financial targets for 8th Plan & Annual Plan 1991 - '92.

(Rs. in lakh)

Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-'92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Acquisition of Satellite Data & Aerial Photographs.		4.00		1.00
2.	Purchase of technical Stationeries.		1.50		0.50
3.	Purchase of Colour Composite Printer-cum-Enlarger.		2.50		2.50
4.	Maintenance of Equipments.		5.00		1.00
T O T A L :			13.00		5.00

Training of Scientific Manpower :

This is an ongoing scheme. Under this scheme, a Post-Matric Merit Science Scholarship programme was introduced for students who are taking up Physics, Chemistry & Mathematics in the College and University level to solve the problem of Scientific Manpower requirement in the State. The scheme is proposed to be continued in the 8th Plan.

Again, it may be mentioned that the student of this backward area, though not inferior in calibre and intelligence stood very little chance while competing with students of other advanced States because of their inferior Economic & Educational background. Hence, during the 8th Plan, it is proposed to institute Overseas Scholarship for eligible Science and Technical Students for Post-graduate, Doctoral and Post Doctoral studies.

The following statement indicates the proposed physical and financial targets both for 8th Plan and Annual Plan 1991-92.

(Rs. in lakh)

Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Post Matric Merit Science Scholarship.	125	10.00	25	3.00
2.	Overseas Scholarship for Science & Technology.	5	5.00	1	2.00
T O T A L :		130	15.00	26	5.00

3. Assistance to Scientific Research Project :

Under this scheme, Scientific Research Project which have direct relevance to the problem of the state submitted by different Colleges/Universities/Institutes were given financial assistance. Only those schemes whose requirement fall below Rs.1.00 lakh are supported.

Contd....6/-

The following are the ongoing Research Projects supported so far :

- (1) Characterisation of Medicinal principles of local herbs.
- Pachhung University College, Aizawl.
- (2) Landslide Investigation Around Aizawl
- Indian School of Mines, Dhanbad.
- (3) Development of water-heater by Aqua con conduct system
- Mr. Stephen Sangluai a local boy.
- (4) Study on the Feasibility of Development of Electronic Industry in Mizoram (Completed).
- Electronics Trade & Technology Development Corporation, New Delhi.

The following statement indicates the proposed physical and financial targets both for the 8th Plan & Annual Plan 1991-'92

(Rs. in lakh)

Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-'92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Assistance to Scientific Research Projects.	10	10.00	2	2.00

4. Improvement of Rural Technologies :

This is an on-going scheme, During the 7th Plan, the following Two Projects were undertaken :

(1) Improvement of Wooden Wheeled Carriages : A sample had been sent to Mechanical Engineering Department of Regional Engineering College at Silchar. The carriage had been examined and the area for improvement had also been identified and worked on.

(2) Preservation, treatment and diversification of bamboo and cane product : Ministry of Textiles had been contacted for this scheme. The Officer-in-charge of Bamboo and Cane Development Institute Agartala, visited Aizawl and conducted Training-Demonstration in the Training Centre run by the Industries Department.

The scheme is proposed to be continued in the 8th Plan to identify and improve the technologies that can be improved, and to organise demonstrations/trainings to disseminate the know-how. Necessary financial assistance will also be given to artisans if the trade they are engaged in appear to be productive.

GOVERNMENT OF MIZORAM
SCIENCE, TECHNOLOGY & ENVIRONMENT
DRAFT 8TH FIVE YEAR PLAN (1990-'95)

ANNUAL PLAN 1991-1992

INTRODUCTION : The activities of Science, Technology & Environment in Mizoram started from the year 1986.

The Mizoram Council of Science, Technology and Environment was constituted in 1985 with Chief Minister as the Chairman and the Council is the highest policy making body in respect of Science, Technology & Environment. An Executive Committee had also been formed within the Council with the Development Commissioner as the Chairman.

During the 7th Plan a token provision of Rs.20.00 lakh only was allocated for Science, Technology & Environment. However, the total expenditure during the 7th Plan amounts to Rs.67.00 lakh. During 1990-'91, the approved outlay is Rs.30.00 lakh.

As Mizoram is still lagging quite far behind in the development of Science & Technology compared to other States, a quantum leap is essential during the 8th Plan in order to catch up with the trend in development of Science & Technology and to provide tangible and effective services to the people.

During the 7th Plan, various schemes/Projects were initiated. Hence, most of the programmes envisaged to be taken up in the 8th Plan are continuation of the ones already started during the 7th Plan.

The following points may be noted.

As the Department does not have building of its own, accomodation is arranged in a rented private building for office, Remote Sensing Laboratory, NIC Computer Centre etc. A sizeable amount of money is being expended from the Plan Fund for rent every year.

Contd....2/-

2. The State Government had allocated a convenient space in the proposed Secretariat Complex at Khatla for the Department of Science & Technology. Hence, it is proposed to construct buildings for office accommodation, laboratories, Library and Conference Hall etc. during the 8th Plan which will solve the long felt need.

The following are the proposed financial requirement under Science, Technology & Environment for 8th Five Year Plan and Annual Plan 1991-'92.

Sl.No	Item of Expenditure.	8th Plan 1990-'95 (Rs. in lakh)	Annual Plan 1991-1992 (Rs. in lakh)
1.	Direction & Administration	38.00	8.00
2.	Science & Technology	195.00	48.00
3.	Ecology & Environment	17.00	4.00
T O T A L :		250.00	60.00

Contd....3/-

ITEM-WISE DESCRIPTION OF THE SCHEMES

DIRECTION & ADMINISTRATION

As more Science & Technology programmes are envisaged to be undertaken during the 8th Plan period more Scientific/Technical Manpower will be required. The following statement indicates both physical and financial targets both for 8th Plan and Annual Plan 1991-'92 under this scheme :

(a) Appointment of Staff

(Rs. in lakh)

Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-'92	
		Physical	Finan- cial.	Physical	Finan- cial.
1	2	3	4	5	6
1.	Principal Scientific Officer (Rs. 4500 - 5700/-)	1			
2.	Senior Scientific Officer (Rs. 3700 - 5000/-)	1			
3.	Scientific Officer (Rs. 3000 - 4500/-)	4		1	
4.	Systems Analyst. (Rs. 3000 - 4500/-)	1			
5.	Computer Operator. (Rs. 1640 - 2900/-)	1		1	
6.	Junior Engineer (Rs. 1640 - 2900/-)	1			
7.	Cartographer II (Rs. 1400 - 2600/-)	1	10.00		4.00
8.	Librarian (Rs. 1640 - 2900/-)	1			
9.	Assistant (Rs. 1640 - 2900/-)	1			
10.	U.D.C. (Rs. 1400 - 2600/-)	2		1	
11.	Stenographer III (Rs. 1400 - 2600/-)	1			
12.	L.D.C. (Rs. 1200 - 2040/-)	3		1	
13.	Field Assistant (Rs. 1200 - 2040/-)	2		1	
14.	Driver. (Rs. 950 - 1150 /-)	1		1	
15.	Duftry (Rs. 800 - 1150/-)	1		1	
16.	Laboratory Assistant (Rs. 800 - 1150/-)	1			
17.	Group 'D' (Rs. 775 - 1025/-)	3		1	

Contd...4/-

Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
(b)	Accommodation (Rental)		8.00		2.00
(o)	Travelling Expenses		4.00		1.00
(A)	Office Equipments & Stationeries		4.00		0.50
(c)	Construction of Building		10.00		
(f)	Maintenance of vehicle		2.00		0.50
T O T A L :		26	38.00	8	8.00

SCIENCE & TECHNOLOGY

1. Satellite Remote Sensing Centre :

For survey and management of Natural Resources a State Remote Sensing Application Centre had been established. Various visual interpretation equipments had been purchased.

A nation-wide "Land use Land Cover Mapping Project" in respect of Mizoram was carried out in collaboration with Scientists from National Remote Sensing Agency (NRSA) using 1:2,50,000 Scale Landsat and IRS IA imageries. Now our Scientists are engaged in the following projects :-

- (1) Studies on Dynamics of shifting cultivation and its effect on the Forest-Eco-system.
- (2) Reconnaissance Soil Survey and Watershed Analysis.

For upgradation of the Centre, the Department of Space, Government of India released a grant of Rs.15.00 lakh for purchasing Digital Image processing System.

The following statement indicates the proposed physical and financial targets for 8th Plan & Annual Plan 1991 - '92.

(Rs. in lakh)

Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Acquisition of Satellite Data & Aerial Photographs.		4.00		1.00
2.	Purchase of technical Stationeries.		1.50		0.50
3.	Purchase of Colour Composite Printer-cum-Enlarger.		2.50		2.50
4.	Maintenance of Equipments.		5.00		1.00
T O T A L :			13.00		5.00

2. Training of Scientific Manpower :

This is an ongoing scheme. Under this scheme, a Post-Matric **Merit** Science Scholarship programme was introduced for students who are taking up Physics, Chemistry & Mathematics in the College and University level to solve the problem of Scientific Manpower requirement in the State. The scheme is proposed to be continued in the 8th Plan.

Again, it may be mentioned that the student of this backward area, though not inferior in calibre and intelligence stood very little chance while competing with students of other advanced States because of their inferior Economic & Educational background. Hence, during the 8th Plan, it is proposed to institute Overseas Scholarship for eligible Science and Technical Students for Post-graduate, Doctoral and Post Doctoral studies.

The following statement indicates the proposed physical and financial targets both for 8th Plan and Annual Plan 1991-'92.

(Rs. in lakh)

Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-'92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Post Matric Merit Science Scholarship.	125	10.00	25	3.00
2.	Overseas Scholarship for Science & Technology.	5	5.00	1	2.00
T O T A L :		130	15.00	26	5.00

3. Assistance to Scientific Research Project :

Under this scheme, Scientific Research Project which have direct relevance to the problem of the state submitted by different Colleges/Universities/Institutes were given financial assistance. Only those schemes whose requirement fall below Rs.1.00 lakh are supported.

Contd....6/-

The following are the ongoing Research Projects supported so far :

- (1) Characterisation of Medicinal principles of local herbs.
- Pachhung University College, Aizawl.
- (2) Landslide Investigation Around Aizawl
- Indian School of Mines, Dhanbad.
- (3) Development of water-heater by Aqua conduct system.
- Mr. Stephen Sangluai a local boy.
- (4) Study on the Feasibility of Development of Electronic Industry in Mizoram (Completed).
- Electronics Trade & Technology Development Corporation,
New Delhi.

The following statement indicates the proposed physical and financial targets both for the 8th Plan & Annual Plan 1991-'92.

(Rs. in lakh)

Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-'92.	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Assistance to Scientific Research Projects.	10	10.00	2	2.00

4. Improvement of Rural Technologies :

This is an on-going scheme, During the 7th Plan, the following Two Projects were undertaken :

(1) Improvement of Wooden Wheeled Carriages : A sample had been sent to Mechanical Engineering Department of Regional Engineering College at Silchar. The carriage had been examined and the area for improvement had also been identified and worked on.

(2) Preservation, treatment and diversification of bamboo and cane product : Ministry of Textiles had been contacted for this scheme. The Officer-in-charge of Bamboo and Cane Development Institute Agartala, visited Aizawl and conducted Training-Demonstration in the Training Centre run by the Industries Department.

The scheme is proposed to be continued in the 8th Plan to identify and improve the technologies that can be improved, and to organise demonstrations/trainings to disseminate the know-how. Necessary financial assistance will also be given to artisans if the trade they are engaged in appear to be productive.

The following statement indicates the proposed physical and financial targets both for the 8th Plan and Annual Plan 1991-'92.

		(Rs. in lakh)			
Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-'92.	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Innovation of existing Technologies.	3	4.00	1	0.80
2.	Organisation of Training/ demonstration.		1.00		0.20
T O T A L :		3	5.00	1	1.00

5. Computer Centre :

In collaboration with the National Informatics Centre of Planning Commission the State NIC Computer Centre had been established and functioning at Aizawl. The District Centres at Aizawl had also functioned while Lunglei is expected to function shortly.

However, since there are no RCC building which can be utilised for Installation of Computer & Micro-earth Station in Chhimaipui District, it is proposed that a small RCC structure be constructed in the Space provided by the Deputy Commissioner, Chhimaipui District in the Deputy Commissioner's office Complex at Saiha for which an estimate amounting to Rs.1.14 lakh had been prepared by the P.W.D. Saiha Division.

The following statement indicates the proposed physical and financial targets for the 8th Plan as well as Annual Plan for 1991 - '92.

		(Rs. in lakh)			
Sl. No.	Item of Expenditure	8th Plan		Annual Plan 1991-'92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Running Expenditure for State/District NIC Centres		6.00		2.00
2.	Construction of District Centre at Saiha.		1.00		1.00
T O T A L :			7.00		3.00

6. Science Popularisation Programme :

Under this the following programmes are undertaken :

- (1) Publication of "Mizoram Science Journal" (monthly) in Mizo language which is well appreciated by students and public alike. This programme is carried out using the Science Teacher's Association of Mizoram as nodal Agency.
- (2) Holding of Annual State Level Science Exhibitions involving High Schools, Colleges and Govt. Departments. This programme is carried out in collaboration with the Science Promotion Wing of the State's Education Department.
- (3) Holding of Science Quiz/Debate for High School and Middle Schools.
- (4) Science Popularisation Campaign in various Schools.
- (5) Observation of National Science Day.
- (6) Taking part in the All India People's Science March etc.

The programme is proposed to be continued in the 8th Plan with an intensive campaign to cover rural areas as far as possible.

The following statement indicates the targets both physical & financial during the 8th Plan and Annual Plan 1991-'92.

Sl. No.	Item of Expenditure.	(Rs. in lakh)			
		8th Plan		Annual Plan	
		Physical	Finan cial	Physical	Finan cial
1	2	3	4	5	6
1.	Publication of Mizoram Science Journal.	5000-7000 copies. per month	10.00	5000 copies . per month	2.50
2.	Science Exhibition/ Seminar/Quiz/Debates.	5	4.00	1	2.00
3.	Science Campaigns.		2.00		0.50
	Total :	5	16.00	1	5.00

contd.....9/-

7. Sub-Regional Science Centre :

In collaboration with the National Council of Science, Museum, Sub-Regional Science Centre is proposed to be established at Aizawl. Out of the total estimate of Rs.80.00 lakh, 50% will be contributed by the N.C.S.M. The project is proposed to be executed in the 8th Plan.

The following statement indicates the physical and financial targets both for the 8th Plan and Annual Plan 1991 - '92.

(Rs. in lakh)

Sl No	Item of Expenditure.	8th Plan		Annual Plan 1991-'92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	State's share (50%)		40.00		-
2.	Miscellaneous		1.00		1.00
	TOTAL :		41.00		1.00

8. Research Laboratory :

Mizoram is the only state in the country where there is no Scientific Institutions which can provide facilities even for basic Scientific need. There is only one College which can offer studies upto B.Sc.(Hons.) whose facilities are very poor. The nearest University i.e. NEHU is located at Shillong which is 425Kms. from Aizawl and the nearest Regional Research Laboratory is at Jorhat which is more than 700 Kms. away.

In view of the fact that meaningful interaction with Scientific Institutions/Universities in other States being difficult due to their long distance and communication/transport problems which makes the facilities in those Institutions out of reach, it is difficult to provide solutions even for small Scientific problems which calls for simple analysis/research. Without question, it is clear that problems will continue to crop up, the solutions of which will be of interest and valuable to the people. At the same time, expansion of basic Scientific Research in different disciplines is a must for a State such as Mizoram whose true potential in the area of natural wealth is yet unknown.

Hence, it is proposed to set up Laboratory with Research facilities during the 8th Plan with the following initial objectives:

- (1) To provide facilities for Research on the "Engineering materials with special purpose such as low-cost housing with the locally available materials e.g. bamboo, Canes Vines and Creepers.
- (2) To determine, as far as possible the active chemical principles of the local herbs used for medicinal purposes.
- (3) Monitoring of the damage caused on organism by pesticides, insecticides etc.
- (4) Analysis of food and other edible materials sold in the market to provide consumer protection.

The scheme had been approved in principle in the meeting called by Planning Commission at Vigyan Bhavan on 13 & 14th Oct. '89 wherein Prof. M.G.K. Menon stressed the need for setting up facilities like testing/Analytical Laboratories, good public analysis/Laboratory etc. for Mizoram. However, during the Annual Plan discussion for 1990-'91, this requirement was deferred since 8th Plan has not yet been finalised.

The following statement indicates the proposed physical and financial targets both for 8th Five Year Plan and Annual Plan 1991-'92.

(Rs in lakh)

Sl No	Item of Expenditure.	8th Plan		Annual Plan 1991-'92.	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6

1. Purchase of Equipments.

(a) Infrared Spectrophotometers	1	10.00			
(b) UV-Vis Spectrophotometers	1	5.00	1	5.00	
(c) High performance Liquid Chromatography	1	8.00			
(d) Liquid Scintillation Counter	1	5.00			
(e) Ultra Centrifuge	1	5.00			
(f) Flame Photometer.	1	2.00	1	2.00	
(g) Amino Acid Analyser	1	5.00	1	5.00	
(h) Refrigerated centrifuge	1	3.00	1	3.00	
(i) ISO Electronic focussing	1	2.00			

Sub-Total : 45.00 15.00

2. Maintenance of Equipments.

2.00 -

3. Chemicals & Glasswares.

3.00 -

T O T A L : 9 50.00 4 15.00

9. Library-cum-documentation Centre :

To cater the need of the Research Scientist, Science Teachers and students and to facilitate the public to keep themselves abreast of the development in Science & Technology, a library-cum-documentation Centre is proposed to be established in the 8th Plan.

The following are the proposed physical and financial targets both 8th Plan and Annual Plan 1991-'92.

Sl No	Item of Expenditure.	(Rs. in lakh).			
		8th Plan		Annual Plan 1991-92	
		Physical	Fin- -ancial	Physical	Finan- -cial.
1	2	3	4	5	6
1.	Subscription of Journals/ Magazines.	5000 Vols.	8.00	300 Vols.	1.50
2.	Furniture.		2.00		0.50
	TOTAL :		10.00		2.00

10. Technology Missions :

In the 7th All India Workshop of Science & Technology on 3rd & 4th Feb. 1989 at Chandigarh it was decided that the State Department/Councils should be deeply involved in the Prime Minister's Six Technology Missions.

In Mizoram, the Department/Council of Science and Technology is entrusted to carry out certain programmes relating to the Technology Mission where S & T input can be made use of.

As per the requirement submitted by the concerned Mission Directors in the State Level, Solar Based Cold Chain Storage for Biological will be set up in 20 villages under Immunization Mission.

The following statement indicates the proposed physical and financial targets both for 8th Plan and Annual Plan 1991-'92.

(Rs. in lakh)					
Sl No	Item of Expenditure.	8th Plan		Annual Plan 1991-'92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Purchase of Equipments.	20.	10.00	4	2.00
2.	Installation expenses.		2.00		1.00
T O T A L :		20.	12.00	4	3.00

11. Low-Head Microturbines :

In collaboration with the Science & Engineering Research Council of DST, steps are being taken to make use of natural water-falls for generating Low-Power Electricity which will benefit remote villages where High-power Line find difficult to reach.

The DST agreed to take up 3 such Microturbine Installations on demonstration basis where they will meet full expenditures for the Turbines, Alternator Load Governor and Control Board and the rest of the expenditures including site and penstock preparations will be shared by the State Govt. and DST on 50:50 basis. The turbine is designed to produce power in the range of 5 Kw - 500 Kw.

For the 3 demonstration projects, 2 sites had been identified viz. Darkhuang near Muallungthu and NghaIrawhlui-a river flowing between Vanchengpui and Rullam Villages. For Darkhuang Projects, estimates amounting to Rs.2.5 lakh to be equally shared with DST had already been prepared. This project is expected to produce 20 Kw. of power.

If these demonstration projects are found successful, it is proposed that other such installations will be carried out as the State's Own Projects.

The following statement indicates the proposed physical and financial targets for 8th Plan & Annual Plan 1991-'92.

(Rs. in lakh)

Sl. No.	Item of Expenditures.	8th Plan		Annual Plan, 1991-'92.	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	States share on 3 demonstration projects.	3	4.00	3	4.00
2.	States own project.	2	10.00	-	-
3.	Purchase of vehicle.	1	2.00	1	2.00
TOTAL :		6	16.00	4	6.00

5. ECOLOGY & ENVIRONMENT

1. Pollution Monitoring :

To monitor the level of Pollution (both air & Water) a pollution monitoring Laboratory had already been set up which is equipped with basic essential facilities. Periodical monitoring of the level of pollution in an around Aizawl Town will be taken up during the 8th Plan. The Laboratory is approved by the State Pollution Control Board.

The following statement are the proposed physical and financial targets both 8th Plan and Annual Plan '1991- '92.

(Rs. in lakh).

Sl No	Item of Expenditure	8th Plan		Annual Plan 1991-92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Chemicals & Glasswares.		4.00		1.00
TOTAL :			4.00		1.00

2. Meteorological Field Centre :

In collaboration with Indian Meteorological Department (IMD) two meteorological Field Centres one at Tuirial Airfield for Aviation purpose and the other at Aizawl for non-aviation purpose are proposed to be set up during the 8th Plan.

The following statement indicates the proposed physical and financial targets for the 8th Plan & Annual Plan 1991-1992.

(Rs. in lakh)					
Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-92	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
	1. Expenditure for rent Electrical & Water Charges.		3.00		0.30
	2. Furnitures.		0.50		0.20
	3. Site Preparation.		0.50		0.50
TOTAL :			4.00		1.00

3. Survey of Medicinal & Aromatic Plants.

A list of local herbs which are traditionally used as medicine have been collected and compiled. Identification and documentation of the plants will be undertaken during the 8th Plan.

The following statement indicates the proposed physical and financial targets both for 8th Plan & Annual Plan 1991 - '92-

(Rs. in lakh)					
Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-92.	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
	1. Expenses for collection and identification.		4.00		1.00
TOTAL :			4.00		1.00

4. Environment Awareness :

Under this programme attempts will be made to involve students and Voluntary Organisations to educate the masses in appreciating the value of healthy environments. Seminars/Workshop will be organised in the District Level. Pamphlets/Posters will be issued highlighting the importance of environment.

The following statement indicates the proposed Physical and financial targets both for 8th Plan and Annual Plan 1991-'92,

(Rs. in lakh).

Sl. No.	Item of Expenditure.	8th Plan		Annual Plan 1991-92.	
		Physical	Financial	Physical	Financial
1	2	3	4	5	6
1.	Seminar/Workshop		4.00		0.50
2.	Publication of Pamphlets/ Posters.		1.00		0.50
	TOTAL :		5.00		1.00

DRAFT 8TH FIVE YEAR PLAN 1990-1995 AND ANNUAL PLAN

1991-92 PLANNING DEPARTMENT - - -

The Planning Department is a co-ordinating/nodal Department for all the development Department in the State. The Department is under the overall control and supervision of the Development Commissioner which has been assisted by the, Deputy Secretary and Under Secretary and Research Wing which has been manned by the Adviser, Deputy Adviser & some Research personnels.

The main functions of the Planning Department are : (1) Plan Formulation of Five Year Plan and Annual Plan (2) Monitoring & Evaluation and (3) District Planning. However, due to lack of supervision staff, only Plan Formulation has been taken up satisfactorily whereas Monitoring & Evaluation of Plan Schemes could not be implemented up to the mark. District Planning Machinery at State level was created during 7th Five Year Plan.

During the 7th Five Year Plan (1985-90) an amount of Rs.42.16 lakhs has been spent against the agreed outlay of Rs.35.00 lakhs. During the 8th Five Year Plan, it is proposed to strengthen the Monitoring & Evaluation, and District Planning Machinery will also be created in 5 (three) Districts during the 8th Five Year Plan. Hence, more emphasis will be given to District Planning Machinery as well as Monitoring & Evaluation. Rs.80.00 lakhs has been proposed for the 8th Five Year Plan, out of which Rs.8.00 lakhs has been approved for 1990-91 and Rs.12.00 lakhs has been proposed for Annual Plan 1991-92.

ITEMWISE DESCRIPTION

1. PLAN FORMULATION: This is the main function of the Planning Department. This wing was manned by a Deputy Adviser, one Senior Research Officer and two Research Officers at present. During the 8th Plan period an outlay of Rs.12.50 lakhs is proposed, out of which Rs.2.00 lakhs and Rs.2.25 lakhs has been earmarked for Annual Plan 1990-91 and 1991-92 respectively. Detail financial provision are given below :-

(Rs. in lakhs)

1.	Proposal for 8th Plan	Annual Plan 1990-91	Annual Plan 1991-92
1. Salary of Staff including TA/DAG/LTC etc.	7.55	1.35	1.40
2. Office Expenses	4.95	0.65	0.85
	12.50	2.00	2.25

During 8th Plan one post each of Draftmen and Grade -IV (Sweeper) will be created for strengthening.

II. **MONITORING & EVALUATION** : During 8th Plan more emphasis will be given to Monitoring and Evaluation. Due to shortage of staff especially Research persons, Monitoring & Evaluation cannot be performed satisfactorily. Hence, 2 more Officers viz. Deputy Adviser - I No., Senior Research Officer - I No. and Supporting Staff, are proposed to appoint during the 8th Five Year Plan so as to enable to implement the schemes from the 8th Plan. An outlay of Rs.4.00 lakhs was earmarked for Annual Plan 1991-1992. Detail proposed financial provision are given below :

(Rs. in Lakhs).

	8th Plan 1990-1995	Annual Plan 1990-1991	Annual Plan 1991-1992
1. Salary of staff including TA/DA/LTC etc.	12.00	1.00	2.00
2. Office expenses including Furniture/fixure etc.	10.00	1.20	2.00
3. Purchase & Maintenance of Vehicle.	5.50	-	-
TOTAL	27.50	3.00	4.00

The following are the posts proposed for creation during the 8th Plan.

	Proposed for 8th Plan	Target during 1990-1991
1. Deputy Adviser (E&M)	1	-
2. Senior Research Officer	1	1
3. Steno-Gr-III	1	-
4. Driver	2	1
5. Grade-IV	2	1
TOTAL	7	3

III. **DISTRICT PLANNING MACHINERY**: District Planning Machinery at the State level had been set up during the 7th Five Year Plan. Since the District Planning has not adopted in actual practice during the 7th Plan period, District Planning Machineries at District level cannot be set up. As desired by the Government of India vide its circulars D.O.No.PC(P)/35/Dist/82. MLP dt.10.9.1985; D.O.No.PC(P)27/1/87. MLP dt.7.5.1987; No.PC(P)35/Dist/84-MLP dt.18.2.1986; D.O.No.PC(P)9/44/85-MLP dt.17.4.1986; District Planning Machineries will be set up in each District from the 8th Five Year Plan. Though there are only 3 Districts in Mizoram at present, the State Planning Board suggested that 5 District Planning Machineries will be created during the 8th Plan period in anticipation of trifurcation of the existing Districts of Aizawl. Hence, necessary provision have been proposed for 5 Districts in addition to State level.

Functionary. Rs. 40.00 lakhs has been proposed for 8th Plan, out of which Rs. 3.00 lakhs and 5.75 lakhs has been earmarked for Annual Plan 1990-91 and 1991-92 respectively. The following are the details of proposed expenditure during 8th Plan and Annual Plan 1991 - 92.

	(Rs.in lakhs.)		
	8th Plan 1990-95	Annual Plan 1990-1991	Annual Plan 1991-1992
1. Salary of staff including TA/DA/LTC etc.	14.00	1.50	2.00
2. Office expenses incl. furniture/Fixture etc.	6.00	1.50	1.50
3. Purchase & Maintenance of Vehicles	15.00	-	1.50
4. House Rent for 5 District offices	5.00	-	0.75
TOTAL	40.00	3.00	5.75

The following posts are considered the minimum requirement of staff for 5 Districts during the 8th Five Year Plan.

	Proposed for Annual Plan	
	8th Plan	1990-91 Target
1. Chief Planning Officer	5	-
2. Sr.R.O./Economist	5	3
3. R.O./Project Officer	5	-
4. R.O./Training Coordinator	5	-
5. Office Assistant	5	3
6. HMC/Accountant	10	-
7. LDC/Typist	10	3
8. Driver	5	3
9. Grade-IV	15	3
TOTAL	70	15

I. OUTLAY AND EXPENDITURE DURING THE 7TH PLAN

(Rs. in lakhs).

Code No.	Major Head/Minor Head of Development.	1989-1990			Total 7th Plan.		
		Approved Outlay	Budgetted Outlay . (RE)	Expenditure	Approved Annual Plan Outlay	Budgetted Outlay (RE).	Expenditure
1	2	3	4	5	6	7	8
1,13,3451,00 <u>Sectt. Economic Services.</u>							
	101 Planning Commission/ Planning Board.	7.25	10.00	9.50	33.00	33.75	33.25
	102 District Planning Machinery.	3.75	4.00	3.63	5.00	12.25	11.00
	TOTAL	11.00	14.00	13.13	35.00	46.00	45.13

contd....

ECONOMICS & STATISTICS DEPARTMENT
DRAFT 8TH FIVE YEAR PLAN 1990-95

The department of Economics & Statistics has still been very much handicapped by shortage of technical personnel and paucity of fund. Meanwhile the scope of statistical activities has been considerably expanded due to implementation of statistical common cadre which automatically implies the need for effective co-ordination of all statistical cells in various departments. The department of Economics & Statistics, being a nodal agency for all statistical activities, has the responsibility not only to coordinate but also to render technical guidance to all statistical cells specially information of major schemes in order to ensure timely availability of reliable statistical information required by government for planning other purposes. It is, therefore incumbent upon the department of Economics & Statistics to embark upon ambitious schemes in the 8th five year plan. The total outlay of Rs.80.00 lakhs is envisaged for the 8th Five Year Plan.

The following schemes with total outlay of Rs.80.00 lakhs is envisaged for the 8th Five Year Plan, 1990-95. The first 6 schemes are to be continued from previous Five Year Plan and the last 2 schemes are new as per recommendations of the conference of Central and State Statistical Organisation.

1. DIRECTION AND ADMINISTRATION :

(a) Direction : With the implementation of statistical common cadre and coordination of all statistical activities of various departments in Mizoram, it is absolutely essential to strengthen the Directorate of Economics & Statistics and the District Offices specially at supervisory Officers level. The outlay of Rs. 22.50 lakhs is proposed for 1990-95.

(b) Administration : The District Officers have been entrusted with different surveys usually undertaken by the Directorate of Economics & Statistics. They have been assign-

ned the task of building up of the data base for micro level planning. Rs. 22.00 lakhs is proposed for 8th plan period.

2. DATA BANK : It is continueing scheme from 6th plan Rs. 3.00 lakhs is proposed for 8th plan.

3. COLLECTION OF RAINFALL DATA & MAINTENANCE OF RAINGAUGES :

Raingauges have been installed in all 20 development blocks. As raingauges are delicate instruments maintenance and replacement is essential; a provision of Rs.0.50 lakhs is made for 8th Plan.

4. PRICE & MARKET INTELLIGENCE : Market prices of essential commodities are collected weekly from District headquarters and Monthly from other towns like Kolasib, Champhai and Serchhip. Price bulletin is published monthly. A provision of Rs. 2.00 lakhs is proposed for 1990-95.

5. STATE INCOME ESTIMATION, CAPITAL FORMATION & PUBLIC FINANCE

The primary object of this scheme is to estimate the gross and net products of Mizoram, in order to work out the per capita income, of Mizoram. Almost all the states of India have separate cells to work out per capita income which is one of the main indicators of Socio-Economic condition of the people concerned. Data collection for estimation of capital formation and public finance also is essential for Mizoram. During the previous plan periods the posts proposed could not be created except one Research Officer, so the scheme could not be implemented due to non creation of posts. Rs. 7.00 lakhs provision is proposed for 8th Plan.

6. SOCIO-ECONOMIC SURVEY : Socio-Economic Surveys are of absolute necessity in Mizoram in view of the non-availability of primary data almost in all fields. It is also of vital importance to make periodical assessment of the impacts of various government schemes executed in various fields. Rs. 7.00 lakhs is proposed for 8th Plan.

7. REGISTRATION OF BIRTHS & DEATHS : Under this scheme, data of vital events, like births and deaths are collected through local registrars appointed for each and every village. Under this wing one Research Officer and three staff were appointed, but the existing staff are not sufficient to take up such heavy work, so posting of additional staff is a must and for which a provision of Rs.12.00 lakhs is proposed for 8th plan period.

8. COMPUTERISATION : This is a new scheme formulated in the light of the recommendation of 6th All India Statistical Conference held at New Delhi. This department purchase Micro-Computer during 1986-87. A provision of Rs. 3.00 lakhs is proposed during 1990-95 for fully implementation of the scheme.

9. SMALL UNIT OF PRESS : Mizoram Government press cannot meet printing requirement of this department. The department is to publish Quarterly Progress Report of all development departments, Statistical Handbook, various forms of registration of Births and Deaths and Surveys Reports. Therefore, it is proposed to have a Small Unit of press for this department for which a provision of Rs. 1.00 lakh is proposed for the 8th Plan.

TOURISM DEPARTMENT
DRAFT 8TH FIVE YEAR PLAN 1990

Mizoram has been shut out from the rest of the country from the British days. Some proposals were initiated 20 years ago for putting Mizoram in the tourist map of the country. But before any action could be taken, the State was covered by insurgency which lasted for 20 years. Only recently the insurgency ended and a new State of Mizoram was born in 1986 and it is now possible to initiate for development of Tourism.

In this connection it may be mentioned that Tourism plays a vital role for promoting national integration and opens up links with the rest of the country so that the people could feel more responsible in the building up of a strong and unified nation. Mizoram holds good promise for development of tourism because of its scenic beauty, temperate climate, its rich flora and culture.

The main problem for encouragement of Tourists in Mizoram is lack of accommodation infrastructures. There is no private Hotel worth staying except in Aizawl. The Deptt. of Tourism is mainly engaged for construction of accommodation infrastructure during 7th Five Year Plan. Tourist Lodges are constructed at Vairengte, Kolasib, Aizawl, Saitual and Champhai. Wayside Facilities are constructed at Thingdawl and Chhichtlang. The Department could provide about 200 beds for the Tourists during 7th Five Year Plan and received about 50,000 tourists during 7th Five Year Plan.

During 8th Five Year Plan the Department will continue to construct Tourist Lodges in the interior such as Lunglei, Lawngtlai, Saiha, Bairabi, New Vervek, Khawbung, Chavngte and Tlabung. Tourist Centres and Picnic Spots will be developed at Beraw Tlang near Aizawl, Tamdil near Saitual, Vantawng Falls near Thenzawl, Khawva near Lunglei, Lungzarhtum Tlang near Saiha, Blue Mountain and Palak Lake.

The expenditure under Tourism during 7th Five Year Plan from 1985-90 was 164.00 lakhs against the approved outlay of Rs.120.00 lakhs. The proposed outlay during 8th Five Year Plan is Rs.300.00 lakhs as detailed below :-

101 TOURIST CENTRES : The following places will be opened to tourist as Recreational Centre during 8th Five Year Plan. Rs.66.00 lakhs is earmarked as follows :

1) Aizawl Centre : Aizawl, the State capital of Mizoram is the only tourist destination so far in Mizoram as there is no accommodation infra-structure for tourist in the interior. Aizawl with an area of 110 Sq Km with a population of more than 1 lakh is crowded town and the street/roads are congested. There is no park for the recreation of tourist as well as the citizen of Aizawl.

It is, therefore, felt necessary to create amusement park at the northern end of the town and recreational park at the south end. For these purpose, the Department has already purchased land measuring 15 bighas at Beraw Hill range and another land at South Hlimen range with an area of 5.75 bighas. In these two amusement parks picnic huts and Restaurants will be constructed and amusement Equipments will be installed. For 8th Five Year Plan Rs.15.00 lakhs is proposed for these schemes.

Construction of Parks 15.00 lakhs.

2) Lamdil : A small fishing lake situated at 82 Kms east of Aizawl offers a good scope for Picnic & Water Sports. The Department of Tourism will construct Picnic Huts and water sports equipments such as rowing boat and pedal boats as follows :

1. Construction of Picnic Huts	6.30
2. Purchase of boats	3.00
3. <u>Management & entertainment of staff</u>	0.70
<hr/>	
TOTAL	: 10.00
<hr/>	

3) Thenzawl Centres :

(a) Construction of Swimming Pool : Construction of Swimming Pool as water sport, in Thenzawl area on the way to Vantawng Fall will be constructed so that tourist going to Vantawng Falls will be able to have recreation in the Swimming Pool for which Rs.4.00 lakhs is earmarked.

Construction of Swimming Pool Rs. 4.00 lakhs.

(b) Construction of Golf Course : Thanzawl is the only plain area in Mizoram, where is a possibility of constructing of a golf course. Detail survey and investigation will be conducted through expert hands.

Construction of Golf Course Rs. 2.00 lakhs

(c) Pony riding : In combination with Swimming Pool and golf game pony riding will be introduced in Thanzawl area for which Rs. 2.00 lakhs is needed as a token provision.

Construction of Pool shed	-	Rs. 1.00 lakh	} 2.00
Purchase of Pony with Tents	-	Rs. 1.00 lakh	

(d) Vantawng Falls : Vantawng Water Falls near Thanzawl is the highest water fall in Mizoram. A conducted tour will be organised to the Viewing Point from Aizawl. Viewing Gallery and Restaurant will be constructed for the tourists as follows :

(1) Viewing Gallery	3.00
(2) Restaurant building	12.00
<u>TOTAL :</u>	<u>15.00</u>

(4) Blue Mountain : Blue Mountain is the highest mountain in Mizoram rich in flora and fauna will be opened up for trekking during 8th Five Year Plan. Site will be developed for erection of Tents for the trekkers and water facilities will be provided as follows :

(1) Construction of approach road	5.00
(2) Site development for erection of tents	5.00
<u>TOTAL :</u>	<u>10.00</u>

(5) Salak Lake : The biggest natural lake in Mizoram is situated 80 kms Southwest of Saiha will be opened up for tourists during 8th Five Year Plan. Tourist huts with boating facilities will be provided to the tourist.

(1) Site Development	-	1.00
(2) Construction of Tourist Huts	-	5.00
(3) Purchase of boats	-	2.00
<u>TOTAL :</u>		<u>8.00</u>

(c) Tourism & Rest House : Under Rest Houses, Wayside Facilities are already constructed at Thingdawl and Chhiahtlang. Construction of such facilities are already started at Kawkulh Hnahthial, Tuitlawh and Viewing Gallery; at S.Hlimen, Beraw Tlang and Vantawng Falls. These buildings are constructed under

Centrally Sponsored Scheme, but Govt. of Mizoram has to bear expenses for construction of approach road, site development, water connection and external electric connection Rs.20.00 lakhs is earmarked as a State Share including entertainment of supporting staff.

State share for completion of
7 nos. Centrally Sponsored Schemes
including entertainment of supporting
staff.

Rs.20.00 lakhs.

102 - TOURIST ACCOMMODATION :

1. Tourist Lodge, Lunglei : During 7th Five Year Plan, construction of Tourist Lodge at Lunglei was started. But the Department could not complete and it will be continued during the 8th Five Year Plan.

Construction of Tourist Lodge at
Lunglei and its management including
entertainment of supporting
Staff.

Rs.30.00 lakhs

2. Tourist Lodge, Saiha : Saiha is the Headquarter of Chhimaipui District and is also the main centre for visiting Blue Mountain and Palak Lake. It has PWD ^{inspection} bungalow and one Circuit House only which is always full of officers on official duty and there is no private hotel at all. As such there is no accommodation at all for tourists which necessitates construction of Tourist Lodge. For this purpose Rs.28.00 lakhs is required.

Construction of Tourist Lodge
at Saiha and its management
including entertainment of supporting
staff.

Rs.28.00 lakhs

3. Tourist Lodge at Bairabi : Bairabi, situated on the bank of Tlawng river will be the rail head of Mizoram and its offered a good scope for fishing and water sports and as much construction of Tourist Lodge is felt necessary since there is no other accommodation for the tourists.

Construction of Tourist Lodge at
Bairabi and entertainment of supporting
staff

Rs.25.00 lakhs

4. Tourist Lodge at New Vervek : New Vervek is situated on the midway road which leads to Churachandpur near Imphal in Manipur. There is no private Hotels at all for overnight stay for tourists travelling to Imphal from Mizoram and vice, versa and as such it is proposed to construct a Tourist Lodge at New Vervek.

Construction of Tourist Lodge at
New Vervek and its management including
entertainment of supporting
staff.

Rs.10.00 lakhs.

5. Tourist Lodge at Khawbung: Khawbung situated at about 75 Kms south of Champhai on the way to H. Vanlaiphai has many historical places in its surroundings such as Lianchuan Lung-lon Tlang, Thasiama Sano Neihna and Fiara Tui combined with the scenic beauty is expected to attract tourists in the near future. There is no accommodation at all in this area for tourists and as such tourist Lodge with a capacity of 10 beds will be constructed.

Construction of Tourist Lodge at Khawbung and its management including entertainment of supporting staff. Rs.10.00 lakhs.

6. Tourist Lodge at Chawngte : Chawngte, Hqs. of Administrative sub-Division as well as Chakma District Council is situated on the bank of Tuichang river in the District of Chhimtuipur. The Chakma living in this area are having different dialect and culture Tuichang river offers a good water sports and as such it is expected to attract a good nos of tourist in the near future and as such one tourist Lodge with a capacity of 20 beds will be constructed.

Construction of Tourist Lodge at Chawngte and its management including entertainment of supporting staff Rs.10.00 lakhs.

7. Tourist Lodge at Tlabung : Tlabung is sub-Divisional Hqs, in the Lunglei District at the border of Bangladesh. The town is situated on the bank of Karnafuli River which offers a good scope of fishing and water sport equipments will also be purchased.

Construction of Tourist Lodge at Tlabung and its management including entertainment of supporting staff Rs.16.00 lakhs.

103 TOURIST TRANSPORT SERVICES ;

During 7th Five Year Plan, the Department has already purchased 1(one) Mini Luxury Bus and 1(one) Gypsy for hire of the tourists and also for organising conducted tour by the Department. During 8th Five Year Plan, the Department will extend conducted tour to interior places like Blue Mountain and Palak Lake for which 3 more medium buses will be purchased for hire in Aizawl and its surrounding places by the Tourist.

Purchase of 3 nos. of Mini bus and maintenance and entertainment of staff Rs.16.00 lakhs.

800 OTHER EXPENDITURE:

1) Survey & Statistics : For pay and allowances, etc. Rs.2.00 lakhs earmarked during the 8th Five Year Plan.

2) Publication of Tourist Info. & Literature : During 8th Five Year Plan, the Department will step up

publicity in term of advertisement through national papers and magazines and by issuing tourist folders, pamphlets, photo blow-ups of Mizoram sceneries.

NON-RECURRING :

Publication of tourist info. & Literature Rs. 15.00 lakhs

800-OTHER EXPENDITURE : (GENERAL)

001 DIRECTION & ADMINISTRATION : A separate Directorate of Tourism was created in April 1987. At present the Directorate is headed by Joint Director assisted by one Tourist Information Officer and Ministerial staffs. During 8th Five Year Plan the Directorate will be strengthened by appointing new supporting staff. The Directorate will extend administration at the field level to supervise execution of Planning and to look after the management and administration of Tourist Lodges, Picnic Spots and Recreational Centres will be opened at one places in outside Mizoram such as Calcutta as follows :-

1. 'A' DIRECTION (RECURRING)

For strengthening of Direction and entertainment of supporting of staff. Rs. 17.90 lakhs

2. 'B' ADMINISTRATION : District level offices will be opened at Lunglei, Saiha, and one information centre will be opened at Calcutta so as to strengthen management and supervision of Tourism infrastructure and centre and also to expose tourism potentials of Mizoram to other states.

For opening up of 2 District offices, one information centre and managements including entertainment of supporting of staff Rs. 23.60 lakhs

G. TOTAL OF DIRECTION & ADMINISTRATION Rs. 41.50 lakhs

003-TRAINING : Officers and Maximum numbers of field staff will be sent to training on development of Tourism and Foodcraft Technology during 8th Five Year Plan 1990-95.

NON-RECURRING :

Training Rs. 2.00 lakhs

104 - PROMOTION & PUBLICITY (Fairs & Festivals) : Celebration of Fairs & Festivals such as, Chapchar Kut & Christmas will be encouraged as desired by the Ministry of Tourism, Govt. of India as follows :-

NON-RECURRING

Celebration of Fairs & Festivals Rs. 8.00 lakh

GRAND TOTAL : Rs. 300.00 lakh

A (D) - 1

DRAFT 8TH FIVE YEAR PLAN 1990-95
FOOD & CIVIL SUPPLIES DEPARTMENT

INTRODUCTION :

The Food & Civil Supplies Department was included in the last year (1984-1985) of the 6th Five Year Plan and as such this Department could not get the benefits of previous Five Year Plans.

For the 7th Five Year Plan (1985-1990), the approved outlay for the Food & Civil Supplies Department was Rs. 150.00 lakhs. During the 7th Five Year Plan, 26 posts of different categories have been created. In the same period Rs.15.00 lakhs was utilised for construction of 20 Godowns in Rural and interior areas. For providing accommodation to the Staff, 34 Nos. of Type-I and 49 Nos. of Type-II Quarters were constructed involving Rs.21.59 lakhs and Rs.37.38 lakhs respectively. Six numbers of sheds for unloading and loading of foodgrains have also been constructed utilising Rs.0.48 lakhs. The amount incurred for maintenance of establishment is Rs.52.65 lakhs. Construction of building of Directorate of Food & Civil Supplies at an estimated cost of Rs.33.63 lakhs only was taken up in 1989-90 and expenditure incurred upto the end of the 7th Plan is Rs. 10.00 lakhs only.

In the 8th Five Year Plan, it is proposed to complete construction of the Directorate building and Office building of the Sub-Divisional Civil Supply Officers. It is also proposed to construct godowns, staff quarters etc to provide subsidy for Kerosene Oil and Iodised salt for people staying in rural areas and to expand coverage of the public distribution system in rural areas. The Financial implication of all these schemes during the 8th Five Year Plan will be Rs.250.00 lakhs.

The approved outlay of the Annual Plan 1990-91 is Rs.32.00 lakhs. During Annual Plan 1990-1991, it is approved to create 18 Nos of post for the consumer Dispute Redressal Commission (State Commission) and the District Consumer Redressal Forums (District Forums) and to provide subsidy for iodised salt and K. Oil etc. Further, it is approved to construct two godowns and to continue construction of the building of the Directorate of Food & Civil Supplies. Further, In the Annual Plan 1991-1992, it is proposed to complete the construction of the Directorate building, to open new Fair Price shops, to provide subsidy for kerosene oil and iodised salt

Headquarters. It is, therefore proposed to provide Rs.40 lakhs in the 8th Five Year Plan and Rs. 5 lakhs in the Annual Plan 1991-1992.

3. CONSTRUCTION OF DIRECTORATE BUILDING:

As Directorate of Food & Civil Supplies was not having any office building, it was proposed to construct the building at the estimated cost of Rs.33.63 lakhs. The State PWD was entrusted with the task for construction of the building. During the 7th Plan in the year 1989-1990, Rs. 10 lakhs were utilised.

In the Annual Plan 1990-91 Rs. 14.00 lakhs were provided. The State P.W.D. appointed Contractor for the work at the negotiated rate of Rs. 36.74 lakhs. As such the revised estimated cost of the building will be Rs. 36.74 lakhs. It is proposed to provide Rs. 12.74 lakhs in the Annual Plan 1991-92.

4. OFFICE BUILDING AND STAFF QUARTER :

The Directorate of Food & Civil Supplies is responsible for procurement of the essential commodities and distribution of same to consumers through the respective Dy. Commissioner assisted by the District Civil Supply Officer. It was felt necessary that for better supervision and monitoring, Sub-Divisional Officers should be there for this purpose. Recently six posts of Sub-Divisional Civil Supply officer have been created for all sub-division. The Headquarters of the sub-division will be at Champhai, Kolasib and Mamit in Aizawl District, Tlabung in Lunglei District and Lawngtlai and Chawngte in Chhimituipui District. Further, sub-Divisional Civil Supply Officer will be assisted by Inspector of Supply regarding movement and distribution of essential commodities, timely deposit of supply saleproceeds into the Govt. Treasuries within his jurisdiction which will be demarcated as circle. Such Circle Offices will be established at (1) Darlawn (2) Santual (3) Serchhip (4) Lokicherra (5) Phaileng (W) (6) Ngona (7) Khawbung (8) Marpara in Aizawl District (9) Hnanthial in Lunglei District and at (10) Sangau (11) Tuipang and (12) Bungtlang in Chhimituipui District. It is proposed to construct 6 Office building for the sub-Divisional Offices .

It is also proposed to construct quarters for the Sub-Divisional Officers and Staff and also to construct Office-Cum-residence of the Circle Inspectors. It is proposed to provide Rs.48.00 lakhs during the 8th Five Year Plan and Rs.3.00 lakhs in 1991-92 for office building of the sub-divisional officer, residential accomodation of the S.D.O and his staff including residence-cum-office of Circle Inspector. All these construction will take place in rural areas and it will generates employment of rural labourers.

5. CONSTRUCTION OF GODOWNS:

Godowns constructed by the Food & Civil Supplies Department for storage of foodgrains are mostly Semi-Pucca type. Many of these Godowns are very old and construction of new Godowns are necessary for storage of foodgrains in the interior and remote areas. It is proposed to construct Semi-pucca Godowns at Hnahthial, Lokicherra, Darlawn, Lungsen, Aibawk, Bnghmun, Ngopa, Mimbung etc. It is therefore, proposed to provide Rs.22.00 lakhs in the 8th Five Year Plan and Rs. 4.00 lakhs in the Annual Plan 1991-92. For the Annual Plan 1990-91, only, Rs. two lakhs have been provided to construct godowns in Chhimtuipui District to meet immediate need. The scheme will generate employment of rural people.

6. SHIFTING OF GODOWN :

During the years 1966-72 due to disturbed condition in Mizoram, supply godowns were constructed near the Security posts for safety and security of Government property. Generally the Godowns were constructed on the hill tops near security posts. During the U.T. period and also after Mizoram attained Statehood, network of roads are constructed and villagers have settled on the roadside. The Godowns constructed earlier near security posts now required to be shifted to the roadside for easy movement of foodgrains. It is proposed to shift all such godowns and reconstruct them at new sites. Some of these type of godowns are at Kel Kang, Mamit, Ngopa, Darlawn, Phuldunjsai. It is proposed to provide Rs. 10.00 lakhs in the 8th Five Year Plan and Rs. 2.00 lakhs in the Annual Plan 1991-92. The scheme will be implemented in rural areas and as such it will open scope for employment of rural labour.

7. SUBSIDY ON IODISED SALT AND K. OIL :

Mizoram is a goitre endemic area. To control goitre the use of common salt has been banned by the Govt. of Mizoram. The Mizoram State Cooperative Marketing and Consumer Federation Ltd. (MIZOFED) has been entrusted with the task of procurement and distribution of Iodised salt in the state. To make Iodised salt popular and to provide financial assistance to the Mizoram State Cooperative Marketing and Consumer Federation LTD. (MIZOFED) it is proposed to provide subsidy for Iodised salt. Further, the oil companies are giving transport subsidy upto only a few main distribution points in the state and as such K. Oil is purchased by the people at higher rates in interior places as these areas are not covered under the company's Transport subsidy. It is therefore proposed to provide subsidy for K. Oil and Iodised salt for the benefit of the people staying in interior and remote areas. It is proposed to provide Rs. 22.50 lakhs in the 8th Five Year Plan and Rs. 5.00 lakhs in the Annual Plan 1991-92. It may be mentioned that only Rs. 2.50 lakhs are approved for this scheme for Annual Plan 1990-91.

8. OPENING OF FAIR PRICE SHOPS :

The whole state of Mizoram is covered under the Public Distribution system under the net work of 796 Fair Price Shops. But there are under covered areas which should get better facilities of Fair Price Shops. So far, this scheme is implemented under Non-Plan and in 1990-91, the target is fixed to open 25 fair price shops under Non-Plan. However, it is proposed to open 80 Fair Price Shops during the remaining years of the 8th Five Year Plan that is 1991-95 under Plan scheme and 20 Fair Price Shops during 1991-92. It is therefore proposed to provide Rs. 40.00 lakhs in the 8th Five Year Plan and Rs. 8.00 lakhs for the Annual Plan 1991-92. This scheme will benefit people staying in rural and remote areas mostly.

DRAFT 8TH FIVE YEARS PLAN 1990-95
WEIGHTS AND MEASURES

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The approved outlay of Weights & Measures during the Seventh Plan is only Rs 20.00 lakhs, against which Rs 25.00 lakhs have been spent upto 31.3.1990.

I. DIRECTION & ADMINISTRATION:

Since its inception, Weights & Measures has been functioning as separate wing under the Directorate of Food & Civil Supplies, the Director of Food & Civil Supplies having acted as Ex-Officio Controller of Weights & Measures. With the attainment of a full-fledged state of Mizoram, as also the promulgation of the Standards of Weights & Measures (Enf) Act 1985 and the Mizoram Standards of Weights & Measures (Enf) Rules, 1988 in Mizoram, there are many new provisions under the new laws which require much more man power for enforcement duties. In order to cope up with the increasing work load of greater importance, it has been decided that a separate and independent Directorate of Weights & Measures under a full time Controller of Weights & Measures be formed during the 8th Plan period.

It is proposed that new Inspector's office at important Sub-Towns viz- Serchhip, Hnahthial, Saitual, Dailawn and Vairengte be opened to look after the rural areas.

II. MATERIAL & SUPPLY

The following equipments, which are statutory requirements, are proposed to be purchased :-

1. Working Standards	- 5 sets	Rs. 6.00 lakhs have been earmark- ed based on the current prevail- ing prices.
2. Working Standards Balances	- 5 sets	
3. Verification Tools	- 70 sets	

III. MINOR WORKS (Constructions of office & Quarters)

It is proposed to construct offices and Staff Quarters at the following places :-

Office Buildings - Saiha, Lawngtlai, Vairengte, Darlawn, Saitual, Serchhip and Hnahthial.

Staff Quarters - Kolasib, Champhai, Mamit and Tlabung.

The scheme-wise break up with the Financial Targets are as shown below :-

1.	Direction & Administration	-	Rs 50.00 lakhs
2.	Material & Supply	-	Rs 6.00 lakhs
3.	Minor Works	-	Rs 14.00 lakhs

TOTAL - Rs 70.00 lakhs

XI (A)-2
APPROACH TO EIGHT PLAN 1990-95
SCHOOL EDUCATION

Education, broadly perceived as a seamless continue of life long learning, is essential for human resource development at every age level. In a package of developmental inputs available to the community, education should form an effective means to improve the status and character of living patterns of the people, help intellectual, social and emotional development of the individuals and to enable them to meet their basic needs of daily life. The long range goal of educational planning is then to make available diverse not wirks of facilities and programmes for education, combining formal and non-formal modes of learning. It should enable all citizens to acquire literacy numeracy, computational skills, basic understanding of the sarrounding world and functional skills, relevant to daily life and to local environment. The emphasis in our planning efforts should thus shift from provisions of inputs and expansion of facilities in general terms to results to be achieved and tasks to be performed with specific referenceto target groups of population including the socially disadvantaged ones.

Programmes

The approach in the Eight Plan is characterised by a concern for all round development of children especially those from under privileged and physically handicapped groups who may suffer serious consequences in the future because of lack of attention at the present stage of life. Such a preparatory programme would additionally towards universalisation of enrolment and retention of children in elementary education in due course.

I. ELEMENTARY EDUCATION :

It is proposed that the programme of universalization of elementary education would be given priority and serious consideration, especially in the educationally backward areas of the state, and for reaching the socially disadvantaged who turn out to be non-enrolled children and drop-outs. The Eight Plan would assign the highest priority to this Programme which would continue to be a part of the minimum needs programme.

The approach to universalization of elementary education will cover -

- (i) intensified use of existing facilities;
- (ii) provision of new facilities which would be economically viable and educationally relevant under th scheme of Operation Blackboard;

XI (A)-3

(iii) promotion of non-formal system of learning which would be expanded and oriented towards target groups. In both formal and non-formal system the emphasis would be on the retention of students and effective delivery of services to children. It is also essential to ensure appropriate incentives like supply of uniforms and learning materials as well as text books. Efforts would be made to introduce measure with a view to eliminating wastage and reducing rate of drop-out in elementary education. The provision of non-formal education requires considerable imagination and innovation. The state council of Educational Research and Training (SCERT) would draw up feasible expanded programmes for this purpose outlining the curricula syllabi and reading materials for these courses and for the training of teaching personnel.

During the Eight Plan it is proposed to expand primary education in the state. Accordingly new primary schools would be opened and established and new teachers appointed in the new schools. There are now 1070 primary schools and 3256 regular teachers in Mizoram. The new schools would be scattered throughout the state and those established in Chhimtuipui district would be maintained and managed by the autonomous district councils concerned.

It is also proposed to absorb all the primary school teachers who were engaged on fixed pay to regular posts. At present there are 415 fixed pay teachers in Mizoram. These fixed pay teachers originated from the unrecognised villages or habitation (formerly called "thlawhbawk") as a result of the grouping of villages. When some villagers returned to their old village sites on their own accord, and since the Education department could not post Government teacher to such recognised habitations, those "thlawhbawk" dwellers engaged private or voluntary teachers who were later given a fixed pay (as adhoc grant-in-aid). This process had continued for a number of years, ranging from 10 to 18 years now. These category of teachers now prove themselves in their own right, as the backbone of the primary education in these villages which have now become recognised by the Govt. of Mizoram. Therefore, elimination of these teachers from the elementary education system is unthinkable despite their being under-qualified in terms of the new recruitment rules for primary school teachers. It is proposed to have their educational qualification condoned in terms of the new recruitment rules for primary school teachers to facilitate their absorption to regular posts during the 8th Plan period. Hence this is incorporated in the approach paper.

II. SECONDARY EDUCATION :

Secondary and Higher Secondary Education are important terminal stages in the system of general education and provide a first stage for linking education with the world of work. It is at this point that options are exercised by the youth to enter the world of employment or to go for technical training or to pursue higher education. With the expansion of the base of education at the elementary stage, increasing number of students would reach secondary education. Facilities have to be provided for their education since such education is the only means of bringing about social mobility and economic independence, particularly among the socially disadvantaged ones. Care has to be taken to ensure that secondary education also prepares them for a long time career as part of the stock of man power. Keeping these in view, facilities for secondary education would have to be extended to rural areas and access to the quality of education at this stage and employability of its products.

III TEACHERS EDUCATION :

1. Science Promotion

Science teaching would be strengthened and laboratory equipment provided, both for experimentation and demonstration. The programme for supply of Science kits at the primary and middle stages would be expanded and an appropriate kit for secondary education designed and supplied to high and higher secondary schools. The curriculum in Science and Mathematics would continue to be reviewed and improved or upgraded and in-service training of teachers in all subjects promoted on an extensive scale. During the Eight Plan the Science Promotion wing would be strengthened and better equipped to meet the challenge.

One of the important linkages between education and development is provided by man-power development through vocationalisation of secondary education would be started and implemented in Mizoram during the Eight Plan period in

4 selected schools by up-grading the existing high schools to higher secondary schools. This vocationalization course of study has and potential work opportunities and of available educational and training facilities. It should also be kept in view the specific roles and responsibilities of the different agencies and ensure co-ordination at the operational level between the developmental programmes and educational system. Such vocationalization of education would normally be introduced at the +2 stages.

2. The State Council of Educational Research & Training and District Institute of Education & Training:

The State Council of Educational Research & Training (SCERT) established in 1980 as the academic wing of the state education department would be made full-fledged intituted to be at par with the SCERTs other States. Being an institute concerned with qualitative improvement of school education, it has been playing active roles in the formation and implementation of the various educational programmes and projects. With the adoption of the New Education Policy, its academic responsibilities have increased considerably.

The Teachers' Training Institute at Aizawl has been up-graded to the status of a District Institute of Education and Training (DIET) under the Centrally sponsored Scheme of Teachers' Training Institute at Lunglei under the consideration of the Govt. of India. It is hoped that this project will be approved by the Govt of India during the Eight Plan period and this is included in this approach paper. The major functions of the SCERT and DIET are mentioned under the respective head lines.

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SCHEME-WISE DESCRIPTION

Primary Schools in Aizawl and Lunglei District.

	8th plan 1990 - 1995		1991 - 92	
	Physical Target	Financial Target	Physical Target	Financial Target
1	2	3	4	5
1. Appointment of additional teachers on Rs.1200-2040/- p.m.	372	392.00	357	94.00
2. Construction of primary school buildings	700	550.00	100	75.00
3. Incentives	700	23.10	100	3.00
4. Qualitative Improvement	700	45.00	150	5.00
5. Office expenses	700	10.00	150	2.00
6. TA/DA	L.S.	15.00	-	3.00
7. Organization of School Games / zonal sports.	L.S.	20.00	-	4.00
8. Organization of Seminar/ workshop/celebration of important days.	L.S.	5.00	-	1.00
TOTAL OF AIZAWL AND LUNGLEI DISTRICT	L.S.	1060.10		187.00
MAINTENANCE OF PRIMARY SCHOOLS UNDER AUTONOMOUS DISTRICT COUNCILS				
(i) Lai District Council :				
1. Appointment of additional teachers on Rs1200-2040/-p.m.	69	92.00	64	16.10
2. Incentives	50	7.00	10	0.40
3. Qualitative Improvement	35	30.00	7	4.00
4. Construction of school	35	50.00	7	7.00
5. Office expenses	50	10.00	10	2.00
6. TA/DA	50	2.00	10	0.40
7. Organization of school games/ zonal sports	50	10.00	10	2.00
8. Organisation of seminar/workshop celebration of important days etc.	50	10.00	10	2.00
TOTAL OF LAI DISTRICT COUNCIL		211.00		33.90

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(ii) Mara District Council :-

1. Appointment of additional teachers on Rs.1200/2040/-p.m.	36	45.80	31	8.23
2. Incentives	30	7.00	10	0.40
3. Qualitative Improvement	35	30.00	7	4.00
4. Construction of School Bldg.	35	50.00	7	7.00
5. Office Expenses	50	10.00	10	2.00
6. TA/D	50	2.00	10	0.40
7. Organisation of School games/zonal sports	50.	10.00	10	2.00
8. Organisation of seminar/workshop celebration of important days.	50	10.00	10	2.00
TOTAL OF MARA DISTRICT COUNCIL		164.80		26.08

(iii) Chakma District Council

1. Appointment of additional teachers on Rs.1200-2040/-p.m.	38	48.70	33	8.86
2. Incentives to students	50	7.00	10	0.40
3. Qualitative Improvement	35	30.00	7	4.00
4. Construction of school bldg	35	50.00	7	7.00
5. Office expenses	50	10.00	10	2.00
6. TA/DA	50	2.00	10	0.40
7. Organisation of school games/zonal sports.	50	10.00	10	2.00
8. Organisation of seminar/workshop/celebration of important days	50	10.00	10	2.00
TOTAL OF CHAKMA DISTRICT COUNCIL		167.70		26.66
TOTAL OF DISTRICT COUNCILS		543.50		86.84
TOTAL OF PRI. STAGE OF EDN :		1603.60		273.84

MIDDLE STAGE OF EDUCATION:

For the implementation of universalisation of Elementary Education, Middle school stage (classes V-VII) should be given due importance. Since almost all the villages are to be provided Middle Schools it is proposed that 50 new schools already opened be put under the deficit-aided system. The people of the villages are keen to have middle schools in their villages and ready to contribute voluntary labour for the establishment of the schools. The existing Govt. Middle schools and aided Middle schools need strengthening by providing additional teachers as well as giving them non-recurring grants. Such as for construction, extension, repair etc of school buildings. With the increase in enrolment in middle schools the need of corresponding increase of teachers is considered necessary. Moreover, for the proper growth and development of the schools, grants of non-recurring nature are also very essential.

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Physical Target and Financial Requirement are shown below :-

	8th plan 1990-95		Proposed for 1991 - 92	
	Physical Target	Financial Target	Physical Target	Financial Target
1	2	3	4	5
A-GOVT MIDDLE SCHOOLS :				
(a) Strengthening of Govt Middle School :				
1. Appointment of teachers	37	39.90	22	5.90
(b) Improvement of Govt Middle Schools				
1. Improvement of Govt Middle Schools buildings	10	50.00	2	1.40
2. Qualitative Improvement	160	22.00	40	1.30
3. Incentives	50	6.00	10	0.20
4. Study Tour	600	10.00	120	2.00
Total of Govt M/S		127.90		10.80
B. NON-GOVT MIDDLE SCHOOLS :				
(a) Strengthening of Govt. Aided M/S				
1. Appointment of teachers	333	361.10	230	56.40
(b) Improvement of Govt Aided M/S				
1. Improvement of schools bldgs	100	100.00	20	22.66
2. Qualitative Improvement	200	28.90	40	3.30
3. Incentives	100	6.00	20	0.20
4. Study Tour of students	6250	7.00	1250	1.40
5. Seminar/workshop/celebration of important days etc.	1000	5.00	200	1.00
6. Organisation of school games	L.S.	15.00	1	3.00
TOTAL OF (b)		161.90		30.56
(c) Upgradation of unaided Middle schools				
1. Appointment of staff	350	341.60	140	45.40
TOTAL OF GOVT AIDED MIDDLE SCHOOLS		872.20		132.36
TOTAL OF MIDDLE SCHOOLS STAGE OF EDUCATION		1002.50		143.16

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PRIMARY INSPECTION :

The existing Sub-divisional education officers cannot cope with the growing increase of work. There are now 7 sub-divisional officers which are directly concerned with the supervision of the affairs of the elementary education. These 7 offices also deal with 1070 Primary Schools, 3256 regular primary school teachers and 3157 regular middle school apart from survey and supervisory works.

During the Eight Plan creation 2(two) new sub-divisions is proposed with corresponding required number of posts as listed below :-

	8th plan 1990-1995		1990-1992	
	physical target	Financial Target	Physical Target	Financial Target
1	2	3	4	5
1. Appointment of staff	30	41.80	11	3.80
2. Office expenses	L.S.	11.00	L.S.	3.30
3. Construction of SDEO Offices	5	150.00	2	23.00
4. Construction of Chowkidar shed	5	7.10	2	1.00
5. Rent for three new SDEO offices	3	3.00	1	1.00
6. TA/DA	5	1.00	5	0.90
TOTAL OF ELEM'NTARY INSPECTION :		213.90		33.00
TOTAL OF ELEMENTARY EDUCATION :		2820.00		450.00

II SECONDARY EDUCATION :

Secondary Education plays a vital role in the whole process of education. It is an important link between the Elementary and Higher Education. It, at present the importance accorded to this stage of education is not satisfactory. It should be strengthened to the extent possible. In the Mizoram context there are various constraints by which the progress of education could not be made properly, mainly due to the economic poverty of the people, bad communication due to hilly terrain, deep gorges, non-availability of qualified teaching personnel especially in science and mathematics subjects. To tide over these problems, taking over of a number of schools by the Government and thereby relieving the rural people of their financial burden is necessary.

With the fast growing students population there has ever been a growing demand for the establishment of High Schools both in the Urban and rural areas. So in order to meet the increasing demand, it is proposed to expand secondary education by establishing more high Schools where the need is accurately felt. Moreover, the enrolment in the existing high schools has increased tremendously. This has necessitated to provide the schools with various kinds of grants of non-recurring nature.

So, during the Eight Plan period the requirement in respect of physical and financial requirement are shown below :-

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	8th plan			
	1990-1995		1991 - 1992	
	Phy target	Fin target	phy target	Fin Target
1	2	3	4	5

A. GOVT. HIGH SCHOOL

(a) Strengthening of Existing Govt. High Schools.

1. Appointment of 15 graduate teachers on Rs.1400-2600/- p.m. and 2 chowkidar on Rs.775-1025 p.o.	18	22.70	5	1.00
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(b) Improvement of Govt High Schools

1. Improvement of Govt H/S bldg.	19	30.00	5	3.60
2. Qualitative Improvement	19	13.50	10	1.10
3. Incentives	19	4.00	5	0.10
4. Construction of hostel bldg	5	5.00	1	2.00
5. Seminar/workshop/celebration of important days.	500	5.00	100	1.00
6. Study tour for students	250	4.00	50	0.80
TOTAL OF GOVT HIGH SCHOOL,		84.20		9.60

B. GOVT.AIDED HIGH SCHOOLS :

(a) Strengthening of Govt.Aided H/S

1. Appointment of staff	140	193.10	105	27.30
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(b) Improvement of Govt.Aided High Schools :

1. Construction/Improvement of Aided High School buildings	75	100.00	15	32.00
2. Qualitative Improvement	75	37.00	30	1.30
3. Incentives	75	10.00	15	0.50
4. Organisation of school sports/ state games		10.00		2.00
5. Study tour for students	500	8.00	100	1.60
Total of (b) :		165.00		37.40
Total of (a) & (b)		358.10		64.70

(c) Taking over of Un-aided High schools to Govt. Aided H/S

1. Appointment of staff	232	244.20	135	40.80
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(d) Establishment of Higher Secondary School(+2)

1. Appointment of staff	36	94.00	9	3.20
2. Office expenses		1.00		0.30
3. TA/DA		0.50		0.10
TOTAL OF (d) :		95.50		3.60
TOTAL OF ASSISTANT TO NON-GOVT H/S		697.80		109.10
TOTAL OF HIGH SCHOOL :		782.00		118.70

C. SECONDARY INSPECTION

1. Appointment of staff	27	33.70	14	3.50
2. Office expenditure	L.S	9.80	L.S	2.70
3. TA/DA	2	1.00	2	0.20
4. Rents for two new DEO Offices	2	5.00	2	1.00
5. Construction of DEO office bldg	3	60.00	3	12.00
6. Construction of chowkidar shed	3	3.00	3	1.00
TOTAL OF SECONDARY INSPECTION :		112.50		20.40

D. STRENGTHENING OF SPECIAL/
MODEL SCHOOL :

1. Appointment of teachers	3	5.50	3	0.90
TOTAL OF SPECIAL MODEL SCHOOL		5.50		0.90
TOTAL OF SECONDARY EDUCATION :		900.00		140.00

III. TEACHERS EDUCATION (Science Promotion, DIET, SCERT)

A. SCIENCE PROMOTION WING :

The Science Promotion office had been established in 1973 with the purpose of taking up the UNICEF assisted Science Education Programme. After successful launching of the Project in Selected Primary and Middle Schools, the assistance of the UNICEF had been phased out in 1978 and the continued programmes for improvement and reorganisation of Science and Mathematics Education has been taken up by the State of Mizoram and the Science Promotion Wing has been functioning effectively till date.

During the 8th plan period, the wing is proposed to be strengthened in order to cater to various tasks for strengthening syllabi. As far as strengthening Science and Mathematics in Schools is concerned, it is best and appropriate to have the Wing attached to the Directorate of School Education without making an amalgamation with SCERT as was already planned and proposed. Since the activities of the Wing may not be possible to carry out when SCERT functions separately as an institution since almost all the activities of the Science Promotion Wing are outside the purview of the SCERT.

During the 8th Plan period, emphasis may be given to the following areas :-

(a) Construction of Science Rooms especially for all High Schools so that each School may be provided with basic facilities for introducing practical examination in Science at the H.S.I.C. Examination.

(b) Training of all categories of teachers especially teachers of secondary schools with forms the weakest link in our Science and Mathematics Education. Incentives in the form of Scholarship/Awards may be instituted for Science and Mathematics Teachers of High Schools.

(c) - In order to popularising Science among the students and the Public more fund is needed for organisation of Science Seminars, Science Exhibitions and Science quiz competitions.

(d) Provisions of Science Equipments required for the changing need of our education and to cope with the demand of our Science Education of the day.

The yearwise break-up of appointments and other expenditure are summed up as follows :-

1	2	3	4	5
1. Appointment of staff	45	29.50	17	3.22
2. Wages	-	1.27	-	0.30
3. Travelling Expenses	-	4.20	-	0.60
4. Office Expenses	-	17.87	-	3.50
5. Rent	-	3.80	-	0.50
6. Publications	-	0.80	-	0.15
7. Advertisement	-	0.85	-	0.15
8. Scholarship/Award	910	5.90	160	0.80
9. Construction of Science Labs.	150	167.00	30	13.43
10. Training of Teacher	1020	13.50	150	1.50
11. Science Room Furniture	440	28.50	60	2.40
12. Purchase of Science equipment for High Schools	280	13.40	30	1.40
13. Purchase of Science equipment for Middle schools	650	15.05	150	3.75
14. Purchase of Science Kits for Primary Schools	1370	8.40	250	1.50
15. Computer Education	100	1.60	20	0.30
16. Organisation of Science seminar & Exhibition	1500	8.20	300	1.50
TOTAL OF NON-RECURRING EXPENDITURE :		290.42		31.78
TOTAL OF SCIENCE PROMOTION :		320.00		35.00

B. DISTRICT INSTITUTE OF EDUCATION (DIET)

Most of the schemes for the District Institute of Education, Aizawl are being taken up under the Centrally Sponsored Schemes during the last part of the Seventh Five Year Plan 1985-90. The project proposal for taking up of the teachers Training Institute, Lunglei under the Centrally sponsored Schemes is under active consideration and the schemes are regard to be taken under C.S.S. during the 8th Plan period.

However, some of the on-going schemes and the scheme for strengthening are proposed to be taken up under State Plan during the 8th Plan period as spilled over schemes as follows :-

Strengthening of Existing D.I.E.T.

	8th Plan			
	1990 - 1995		1991 - 92	
	Phy Target	Fin Target	Phy Target	Fin Target
1	2	3	4	5
1. Appointment of staff	4	4.50	3	0.50
2. TA/DA	L.S.	5.00	-	1.00
3. Office expenses	L.S.	12.50	-	6.80
4. Study tour	10	15.00	2	3.00
5. Extension service	L.S.	5.00	-	1.00
6. Seminar/Workshop etc	L.S.	5.00	-	1.00.
7. Institution building	2	80.00	2	30.00
8. Library building	2	15.00	2	1.50
9. Construction of workshop/ Laboratory	2	20.00	2	2.00
10. Hostel for boys	2	50.00	2	10.00
11. Hostel for girls	2	50.00	2	10.00
12. Staff quarter type -I	4	10.00	4	-
13. Staff quarter type -II	10	18.00	10	-
TOTAL OF D.I.E.T.		290.00		58.00

STATE COUNCIL OF EDUCATIONAL RESEARCH & TRAINING :

The State Council of Educational Research & Training, being an institute concerned with the qualitative improvement of school education, playing active roles in the formation and implementation of various educational programmes and Projects. It has the academic wings of the following :-

1. General Administration : To Establish S.C.E.R.T. into a full-fledged Institute and to enable it fulfill its manifold academic responsibilities, it will be headed by a Director with supporting staff. The General Administration Department will then have a Director to look after the internal administration, supervision and co-ordination of the various departments of the Council.
2. The S.C.E.R.T. is to look after the Planning and Management aspects of education to effect efficiency and ensure maximum utilization of available resource, both human and material. However, in view of the small size of the State, this Department headed by one senior staff with minimum facilities will serve the purpose during the Plan period.
3. Department of Special Education including Education of the Disadvantaged

The on-going scheme like the Integrated Education of the Disabled children, Non-Formal Education, AIEP, PIED, Women's Education will be grouped in this Department and strengthened with appointment of one Reader to head the Department, two Lecturers and supporting staff.

4. Department of Teacher Education and Extension Science :

One Senior Lecturer and three lecturers are in position at the end of the 7th Plan which will be strengthened with the appointment of one more lecturer with supporting staff. The Department will organise a number of training courses for teachers.

5. Department of Education in Social Science, Humanities and Languages (DESSH & L) :

This Department will be strengthened with two Lecturers as will be strengthened with two Lecturers as well as the international agencies. Some of its immediate programme are improvement of teaching of English and Mize, Orientation of the school curriculum towards population control, conservation of environment including energy etc. It will organise a number of training towards implementation of these programmes.

6. Department Research Co-ordination and Extension (DRG&E) :

The Department will have one senior Lecturer and one more lecturer research officer with supporting staff in addition to the existing establishment to undertake such research projects, survey, school mapping etc. which were much needed for proper planning and management of education.

7. Department of Psychology, Guidance & Counselling (DPG(C) :

During the 8th Plan, it will be strengthened by appointment of one Senior Lecturer/V.G.O. one Psychologist, Testing staff and supporting staff. It looks after the career services in the schools. It will be equipped with psychological testing materials and laboratory equipment for training of school career masters and direct extension works. It will co-ordinate with the vocationalisation at the + 2 stage (CSS).

8. Department of Curriculum Development and Evaluation :

The Department will be strengthened with the appointment one senior lecturer, one lecturer and supporting staff. It will be engaged in Co-ordinating activities for curriculum development for minority communities of the State, and publication of experimental text books etc.

9. Department of Library and Documentation :

The S.C.E.R.T. is designed to be centre of education equipped with the latest developments and innovations in the field of Education. With this end in view, it will have a select and sizeable library to be manned by a Librarian and Library Assistant.

IV. ADULT EDUCATION

While much is still left to be desired and accomplished, it is heartening to note that the State of Mizoram despite its rocky hills, difficult terrains and resultant poor communication system coupled by extreme economic backwardness of the people has been successful in achieving a comparatively high literacy percentage standing fourth amongst the States and Union Territories of India according to the 1981 All India Census.

With the launching of the National Adult Education Programme on October 2, 1978 complemented by the inception of the National Literacy Mission on May, 5 1988, a three-pronged attack has been launched to eradicate illiteracy completely from the face of Mizoram by the end of the Eight Five Year Plan (i.e. 1995), by (1) increasing the literacy percentage, (2) sustaining the literacy competence of the neo-literates and (3) enhancing the literacy standard into one of functional literacy.

With those objectives in view, a Centrally Sponsored Scheme comprising of three Rural Functional Literacy Projects with 100 Adult Education Centre each and twenty three Jana Shikshan Nilayams for follow-up programme, and a State Adult Education Programme, comprising of 250 Adult Education Centres and various other schemes under Plan and Non-Plan have been in operation.

According to a survey conducted in 1985 by the Adult Education Wing of the Education Directorate of the Government of Mizoram, there were as many as 70,455 illiterate adults. Although the achievement of the Department since has been that 22,887 neo-literate adults have been produced and is, at present, estimated at over 70,000 still. This is due to the fact that Mizoram registers the highest percentage of decadal population increase in the country which results in increase drop-outs from the formal school. Influx from neighbouring countries also is responsible for the increase of population and number of illiterates.

The State Adult Education Programme, side by side with the National Adult Education Programme, aims at covering all the illiterate adults in the age-group 15 to 35 by 1985. The main objectives of these programmes are :

- to eradicate incidence of illiteracy among Adult in the age-group 15-35 by 1985
- to bring about functional improvement.
- to create awareness about the social and economic exploitation.

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to utilise the new wave of enthusiasm and expectations emerging through the National Adult Education Programme for planned group action to remove the social and economic handicaps and disparities among which these masses are living.

It is heartening to note that the two biggest denominations of the Christian Church in Mizoram, viz, the Mizoram Presbyterian Church and the Baptist Church of Mizoram, are going to celebrate the Centenary year of the advent of Christianity in Mizoram in 1994. One of the Programmes of the Centenary celebration is to make all adults literacy by 1994. Many of the units of these churches have been running Adult Education Centres under the guidance and supervision of the Adult Education Wing. Arrangements have already been made to enlist deeper co-operation of these churches in the overall Adult Education Programme of the State.

The following continuing and new schemes involving a total outlay of Rs.127.61 lakhs are proposed to be taken up during the Eight Five Year Plan 1990-95 and Annual Plan 1990-91 :-

ADULT EDUCATION

	1990-95		1991-92	
	PHY.	FIN.	PHY.	FIN.
1. Literacy in Rural & Urban areas	900	27.65	200	6.10
2. Publication	16	11.26	2	1.00
3. Assistance to Voluntary Organisation.	240	1.20	40	0.20
4. Seminar/Camping/Training/Orientation.	16	5.80	3	1.00
5. Survey/Monitoring/Evaluation	-	1.20	-	0.20
6. Maintenance of Post Literacy Centres	140	31.44	120	6.60
7. Appointment of Drivers on Rs.950-1500/-p.m.	1	1.60	1	0.30
8. Strengthening of Audio visual Unit (New)	118	8.61	20	1.00
9. Maintenance of CAEC building	7	3.50	2	1.00
10. Mass programme for functional Literacy for achieving 100% Literacy (New)	31500	36.54	-	-
11. Observance of International Literacy Year.	5	1.20	-	-
TOTAL OF ADULT EDUCATION : :		130.00		17.40

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V. DIRECTION, ADMINISTRATION AND SUPERVISION :

The construction of multi-storeyed building for the Directorate of School Education was started from the last part of the Seventh Five Year Plan 1985-90 and the construction of building is in progress. The estimated amount involved is Rs 100.00 lakhs as per P.W.D. Plan and Estimate and Rs. 17.00 lakhs has been provided and being spent during the Seventh Five Year Plan. The preparation of site and the construction of building upto the ground floor level would be done with this amount. This scheme is proposed to be carried over during the Eighth Plan period with the estimated cost of Rs 93.00 lakhs as a spilled over scheme for continuation of the construction of the building.

The Directorate of School Education is required to be strengthened with supporting staff for the smooth and proper running of the Department during the Eighth Plan period. The schemes and the financial implication during the Eighth Plan and the Annual Plan 1991-92 are as follows :-

Strengthening of Existing School Education

	8th Plan 1990-95		1991-92	
	Phy. target	Fin. target	Phy. target	Fin. target
	1	2	3	4
1. Appointment of Staff	7	11.00	7	1.50
2. Office expenses		16.00		3.10
3. Construction of Directorate Multi-storeyed building.	1	93.00	1	10.00
TOTAL OF DIRECTION & ADMINISTRATION : :		120.00		14.60

VI. OTHER PROGRAMME :

1. Scholarship :

(1) Scholarship	-	80.00		14.00
(2) Hostel stipend	-	20.00		1.00
Total of Scholarship :	-	100.00		15.00
2. Statistical survey	-	-	-	-
3. Propagation of Hindi	-	-	-	-
TOTAL OF SCHOOL EDUCATION : :		4970.00		800.00

DRAFT EIGHT FIVE YEAR PLAN(1991-1995)

... DIRECTION, ADMINISTRATION AND SUPERVISION :

1. The Government of Mizoram had created directorate of higher & technical education to look after the affairs of the university education, collegiate education, polytechnic, college of teachers' education, Mizoram Hindi training institute, Special Hindi School, etc. The new directorate had started functioning from April, 1989 with a meagre staff. At present (at the end of 7th Five Year Plan), there are 4 govt. colleges, 6 govt aided colleges, 7 unaided colleges including a Law college, 1 polytechnic, 1 college of teachers' education, 1 Mizoram Hindi training institute and 1 Special Hindi school. It is essential to increase the number of different colleges and technical institutions to meet the growing needs of the people of Mizoram during the 8th plan.

The following schemes are proposed :-

Name of Scheme	Rs. in lakh			
	1990-95		1991-92	
	Physical	Financial	Physical	Financial
(a) Appointment	30	20.00	5	4.00
(b) Travelling Expenses	L/S	2.00	L/S	0.50
(c) Office Expenses (including purchase of vehicles)	L/S	25.00	L/S	4.00
(d) Publication	L/S	20.00	L/S	4.00
(e) Construction	L/S	80.00	L/S	10.00
(f) Other Charges	L/S	13.00	L/S	2.50
TOTAL :-		160.00		25.00

B. UNIVERSITY EDUCATION :

During the 7th Plan period, a provision of Rs. 165.00 lakhs was provided whereas the actual expenditure was Rs. 257.82 lakhs.

The following schemes are proposed to be taken up during the 8th plan period.

I. Expansion and strengthening of existing govt. colleges

(a) Opening Science Department:

There are now 4 (four) govt. colleges in Mizoram, in the 2 (two) of which science subjects are taught at the pre-university level and which is proposed to be upgraded to degree classes during the 8th plan period. It is also proposed to open science department at the PUC level in the remaining two govt. colleges. Additional posts ^{are} proposed to be created for opening of Science department and for strengthening of the existing staff during the 8th Plan. The requirements of funds are as follows :-

1. Appointment of staff
2. Improvement of Laboratory equipments.
3. Improvement of Library
4. Educational tour.

(b) Opening of new department/facilities :-

During the 8th plan period it is proposed to make new facilities available in the 4 (four) existing govt. colleges to facilitate wider range of flexible choice of the subjects for the students. Only the commonest subjects have been introduced in our colleges so far which have not catered to the needs of the students. As such, more disciplines of studies, namely, commerce, sociology, antropology, statistics would be introduced in the 4 (four) govt colleges.

contd/...

(c) Construction of College Building

Construction of the Building Complex of Govt. College, Lunglei, costing Rs. 1,36,86,000/- was started from the last year of 7th plan period with a sum of Rs. 5.00 lakhs only. The building construction is to be continued during the 8th plan period. Construction of the buildings of three new govt. colleges will also be taken up as follows :-

- (1) Construction of Govt. College building complex Lunglei (continuing item)
- (2) Construction of three Govt. College buildings.
- (3) Construction of College Hostels for Boys & Girls.
- (4) Laboratory Blocks.
- (5) Library buildings.
- (6) Construction of staff quarters.

(d) Other expenditure :

- (1) Construction of playground for 4 (four) govt. colleges.
- (2) Purchase of buses/small vehicles for all govt. colleges.
- (3) Purchase of scientific equipments/laboratory materials.
- (4) Organisation of Mizoram College sports, expenditure to be subsidised by NEHU.
- (5) Provision to enable college teachers to attend national and foreign seminars/workshops.

The following are the brief description of schemes for Govt. colleges during 8th plan period.

3. <u>Govt. Colleges</u>	1990-1995		1991-1992	
	Physical	Financial	Physical	Financial
(a) Appointment	147	40.00	20	5.00
(b) Improvement of Lab. equipments	L.S.	25.00	L.S.	3.00
(c) Improvement of Library	L.S.	20.00	L.S.	4.00
(d) Educational tour	L.S.	10.00	L.S.	2.00
(e) Purchase of Scientific materials	L.S.	10.00	L.S.	2.00
(f) College sports	L.S.	5.00	L.S.	1.00
(g) National & Foreign seminar	L.S.	5.00	L.S.	2.00
(h) Constn. of bldg. nos.		165.00	L.S.	15.00
(i) Contn. of playground nos.		20.00	L.S.	2.00
TOTAL :	-	300.00	-	36.00

2. GRANTS-IN-AID TO NON-GOVT. COLLEGES2. I. Assistance to 3 (three) private colleges :

For extension and improvement of higher education in the state it is proposed to give grants-in-aid to 3 (three) private colleges all located in the rural areas. The requirements of funds are as follows :-

Detail of Schemes	1990-95		1991-1992	
	Physical	Financial	Physical	Financial
1. Appointment	50	165.00	20	20.00
2. Construction of College building	Nos	50.00	Nos	10.00
3. Estd. of Library	L.S.	15.00	L.S.	3.00
4. Furniture and equipments	L.S.	25.00	L.S.	3.00
5. Students exchange programmes	L.S.	5.00	L.S.	1.00
6. Opening of Science department	Nos	20.00	L.S.	2.00
7. Construction of staff quarter	Nos	15.00	Nos	5.00
8. Educational tour	L.S.	5.00	Nos	1.00
TOTAL :	-	300.00	-	40.00

2.II. Establishment of Mizawl Law College :

The Mizawl Law College, started privately in 1983 is proposed to be placed under the management of the government and the requirements of funds for the scheme are as follows :-

Detail of Schemes	1990-95		1991-92	
	Physical	Financial	Physical	Financial
1. Appointment	22.00	16.00	22.00	6.00
2. Estd. of Library	L.S.	4.00	L.S.	1.00
3. Purchase of furniture	L.S.	3.00	L.S.	1.50
4. Purchase of vehicle	L.S.	2.00	L.S.	1.50
5. Construction of College building	L.S.	20.00	L.S.	5.00
TOTAL :	-	45.00	-	15.00

3. Establishment of IGNOU :

Indira Gandhi National Open University was opened in Mizoram with Centrally aided venture. Rs. 2.00 lakhs is proposed for State contribution for the establishment of this institution during the 8th Plan. Hence the following schemes may be taken up for improvement of the IGNOU.

	1990-95		1991-92	
	Physi- cal	Finan- cial	Physi- cal	Finan- cial
1. Construction of building				
2. Seminar				
3. Improvement of Library	L.S.	2.00	L.S.	0.50

4. Establishment of Autonomous College.

The University Grants Commission has already approved 102 colleges in seven states of the country to be made autonomous. Rs. 10.00 lakhs may be provided for implementation of the scheme during the 8th plan period.

5. Hostel for Post-Matric Students :

At the present Government is running 2 (two) boys' hostels and 1 (one) girls' hostel in Shillong by renting private buildings. Mizo students going in for Post-graduate studies are expected to go Shillong for many years to come. It is, therefore, proposed to construct our own hostel buildings at Shillong. It is also found necessary to have hostels for post matric students studying in Mizoram, 2 at Aizawl and 1 at Lunglei and the requirements of funds for the scheme are as follows :-

Detail of scheme	1990-95		1991-92	
	Physical	Financial	Physical	Financial
1. Appointment	36	7.00	-	-
2. Travelling expenses/ Office expenses	L.S.	1.00	-	-
3. Construction of bldg.	Nos	12.00	-	-
T O T A L : :		30.00		

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6. Mizoram Residential Science College.

The Planning Commission has already approved the proposal for establishment of Mizoram Residential Science College during the 8th plan. For this purpose funds have been allocated from the annual plan 1990-91 and this would be carried over under the next annual plan 1991-92. The approved outlay for this is as follows :-

Detail of schemes.	(Rs. in lakhs)			
	1990-95		1991-92	
	Physical	Financial	Physical	Financial
1. Appointment	78	10.00	2	1
2. Furniture/Scientific material computer etc.	L.S.	5.00	-	-
3. Purchase of vehicles	Nos	5.00	-	-
4. Purchase of sport materials	L.S.	3.00	-	-
5. Esst. of Library	L.S.	2.00	-	-
6. Construction of Gymnasium/Canteen/Indoor stadium/Dispensary etc.	Nos	3.00	-	-
7. Construction of College building/Hostels/quarters/Playground.	Nos	70.00	Nos	5.00
8. Educational tour	L.S.	2.00	-	-
T O T A L	-	100.00	-	6.00

7. Establishment of Central University of Mizoram :

As per the provision of Peace Accord, it is open to move for the establishment of a separate university in the State in accordance with the prescribed procedure. In order to fulfill the provision and to cater to the needs of the people of Mizoram it is proposed to have a separate university, preferably a central university in Mizoram during the 8th plan period, for which Rs. 50.00 lakhs would be required.

Detail of Scheme	1990-1995		1991-1992	
	Physical	Financial	Physical	Financial
1. Appointment	Nos	10.00	Nos	1.00
2. TE/OE	L.S.	5.00	L.S.	2.00
3. Land acquisition	L.S.	30.00	-	-
4. Bldg. Construction	Nos	5.00	Nos	2.00
TOTAL :	-	50.00	-	5.00

8. State Council for Higher Education :

The new Policy of Education, 1986 envisages the establishment of apex body at the national and state level for co-ordination of policy in higher education.

Keeping in mind the imperativeness of the implementation of the policy of Govt. of India, it is proposed that a State Council for Higher Education be set up during 8th plan period. The requirement of funds would be in the following order :-

Detail of Scheme	1990-1995		1991-1992	
	Physical	Financial	Physical	Financial
1. Appointment	21	5.00	5	0.50
2. TE/OE/Rent	L.S.	2.00	-	-
3. Purchase of vehicles/ furnitures	L.S.	3.00	-	-
TOTAL :	-	10.00	5	0.50

XI-B-10

The schemes and the required provision of funds thereof would be in the following order :-

Detail of scheme	1990-95		1991-92	
	Physical	Financial	Physical	Financial
1. Appointment	10	20.00	5	2.00
2. Travelling expenses/ Office expenses	L.S.	5.00	L.S.	0.50
3. Construction of building for Institution/quarter/ hostel/Laboratory/Library	Nos	40.00	Nos	10.00
4. Continuing education for teachers.	L.S.	5.00	L.S.	0.50
5. Study tour	L.S.	10.00	L.S.	0.50
6. Qualitative improvement	L.S.	20.00	L.S.	1.50
Total :	-	100.00	-	15.00

E. MIZORAM SCHOLARSHIP BOARD.

After the splitting up of the erstwhile Directorate of Education, the Mizoram Scholarship Board came under the directorate of higher and technical education with meagre staff. With the growing volume of work due to increase of students' population and introduction of diverse schemes, the Board is required to be strengthened. The requirements are as follows :-

Detail of scheme	1990-95		1991-92	
	Physical	Financial	Physical	Financial
(1) Appointment	13	5.00	6	2.00
(2) Post-Matric scholarship	L.S.	38.00	L.S.	15.00
(3) Research Fellowship	L.S.	20.00	L.S.	5.00
Total :	-	63.00	-	22.00

ART & CULTURE

The objective under Art & Culture during the 7th Plan has been implementing the recommendation of the conference of Secretaries i/c of Art and Culture held on 8.3.1983 (Minute No.I) at New Delhi which recommended an integrated Department of Culture in a State/Union Territory. Creation of the Directorate of Art & Culture has been achieved by grouping together the various existing wings of Art & Culture viz :-

1. Tribal Research Institute.
2. Institute of Music & Fine Arts.
3. District Gazetteers.
4. Archaeology
5. State Museum
6. Archives
7. Library Services.
8. Vanapa Hall.

The newly created Directorate is expected to function as an integrated Department during the 8th Plan and shall consist of the following sections viz :-

(i) Cultural Section, (ii) Research and Historical section and (iii) Museum and Archives Section (iv) Library Section. Each Section shall have a specific field of work/activities with proper co-ordination amongst them.

FUNCTION OF CULTURAL SECTION :

The main objective of Cultural Section will be to firmly establish Mizo and Allied culture and preserve their identity, promoting unity and integrity among all tribes. The crescent Mizo and Allied culture are only in the process of making and could not be treated as peripheral item in planning. It should be treated as integral part of educational system. There is need for taking a minute look at cultural planning which has arisen from a situation where forces of modernisation were promoting a hybrid commercialised mass culture.

At the same time, there is resurgence of interests in the traditional art forms. Therefore, it is essential to ensure that the rich cultural heritage of Mizoram is preserved and further developed in tune with the demands of the contemporary society.

The Philological aspects under cultural section will study Mizo language in general and variety of dialects among various Tribes such as Pang, Bawm, Tlanglam, Riang, Ralte, Pawi(Lai), Chakma, Paihte, Mara, Vuangtu etc. The study can be divided into two folds i.e. Academic and Practical. The first aspect involves minute study of particular language, analysis of its several characteristics, its affinity to other languages and the question of the language family to which it belongs and such other matters. The second aspect emphasizes study towards a practical and which is more for the benefit of laymen than specialists. It will prepare small dictionaries, short grammar, phrase books in simple and familiar terms to help Government personnel and others to pick up the local language and meet the need for easier communication.

FUNCTION OF RESEARCH SECTION :

This Section will produce literature to make available basic information on the History and culture of the people of Mizoram to the interested public in general and the administrative personnel in particular. It will also aim at a study in depth of particular aspects of the culture of the people of Mizoram.

With the rapid progress of development and spread of systematic administration to the farthest reaches of the area, the Traditional Culture is fast undergoing changes which will lead to the disappearance of many traits and introduction of new ones.

The physical preservation of monuments/sites etc. including excavation of Archaeological sites and Historical ruins will also be done. A link with the Archaeological Survey of India will be established. Necessary precautionary measures of monuments of 75-100 years old which fall outside the archaeological protection limit will be taken to avoid damage.

Preparation/Compilation of the District Gazetteers will also be taken up by this section. Survey and Registration of Antiquities will be undertaken by Registering Officer. He shall also, issue licences for Dealers of Antiquities within Mizoram.

LIBRARY SERVICES :

Library Services is one of the important sections of this Department. The State Library was started in 1974-1979, Under the State Library we have two District Libraries, located at Lunglei and Saiha and three Sub-Divisional Libraries in Aizawl, Champhai and Kolasib. The 83 Villages Libraries are being operated through voluntary organisation (Y.M.A) to facilitate rural people in Library Services.

It is increasingly felt that more aid be given to the Public for improving their intellectual knowledge by providing Library facilities. Well equipped Libraries are the essential requisite for the Backward classed.

In addition to the existing Libraries this Department proposed to establish three more Libraries in the three Districts during the 8th. Plan 1990-95.

1. Direction & Administration :

The new Directorate of Art & Culture sets itself to prepare a Plan of its own commencing from the 8th Five Year Plan(1990-1995). The initial staff structure need to be strengthened during the Eight Five Year Plan. This Directorate has no building of its own and the construction of Directorate building is also included during the period.

1) Appointment of Staff : (Continuance of 7th Plan)

(a) Accountant	- 1 (Rs. 1640-2900)		13.25
(b) Driver	- 1 (Rs. 950-1500)		
(c) Handy man	- 1 (Rs. 775-1025)		

New Appointment :

(a) Public Relation Officer	-1 (Rs. 2200-4000)		13.35
(b) Programme Officer	-1 (Rs. 2200-4000)		
(c) Choreographer	-1 (Rs. 2000-3500)		
(d) Cameraman	-1 (Rs. 1400-2600)		
(e) Store Keeper	-1 (Rs. 1400-2600)		
(f) Artist/Designed	-1 (Rs. 1400-2600)		
(g) Carpenter	-1 (Rs. 1200-2040)		
(h) Driver	-2 (Rs. 950-1500)		

2. Wages	-	0.40
3. Travelling Expenses	-	2.00
4. Office Expenses	-	4.80
5. Payment of Prof. and Special services	-	3.50
6. Rents	-	3.80
7. Publication	-	22.40
8. Corpus Fund to N.E.Z.C.C.	-	67.00
9. Grants-in-aid	-	36.00
10. Construction of building	-	50.00
11. Purchase and Maintenance of Vehicles	-	6.60
12. Participation in the Inter State Cultural Programmes and Organising local Cultural Programmes	-	16.90

2. Three District Offices :

In order to take up effective measures towards promotion and development of Art & Culture in the entire state, administrative net work has to be extended to all the District Headquarters such as Aizawl, Lunglei and Chhimiulpui Districts. The various tribal groups in the remotest part of the state will be able to avail of the services and programmes by way of ensuring the preservation and Promotion and thus by bringing them to the National main stream. The close study of their respective customs, traditions, songs and dances, various dying art forms etc. in the depth will be carried out through these Districts Offices. The minimum requirement for appointments etc with financial implications are as under :-

1, Appointment of Staff:

(a) District Programme Officers.	- 3	(Rs. 2200-4000)	
(b) Assistant Programme Officers.	- 3	(Rs. 1640-2900)	15.60
(c) L.D.C.-cu-Typist	- 3	(Rs. 1200-2040)	
(d) Driver	- 3	(Rs. 950-1500)	
(e) IV Grade	- 9	(Rs. 800-1150)	
2, Wages	-		0.15
3, Travelling Expenses	-		0.60
4, Office Expenses	-		4.20
5, Rents	-		2.40
5, Other Charges	-		1.05

TOTAL : 24.00

3. Institute of Music and Fine Arts :

The Institute conducts training in Cultural dances and Modern and classical Music. During the Eight Five Year Plan, it is proposed to be enlarged so as to cover Fine Arts and also to improve the existing trades. Accordingly the fund for the 8th Plan under this particular head is arranged as follows :-

1. Appointment of Staff: (Continuance of 7th Plan)

(a) Dance Instructor -3 (Rs.1200-2040) 2.90

New Appointment :

(a) Dance Teachers	-4 (Rs.1400-2600)	7.40
(b) Sound Technician	-1 (Rs.1400-2600)	
(c) Driver	-1 (Rs. 950-1500)	
(d) IV Grade	-1 (Rs. 800-1150)	

2. Wages	-	0.30
3. Travelling Expenses	-	0.60
4. Office Expenses	-	1.90
5. Rents	-	0.80
6. Publication of Text Book, etc.		2.80
7. Codification of Dance, etc.		0.70
8. Faculty exchange Programme		1.00
9. Purchase/Maintenance of Cultural costumes	-	24.00
11. Maintenance of Costumes		1.40

TOTAL: 46.80

4. College of Fine Arts :

The Conference of Ministers and Secretaries, 1989 had strongly recommended that efforts be made to set up institutions which will serve as special and advanced centre in various aspects of culture including Fine Arts, Tribal Arts, Traditional Arts and Folk Arts. It is visioned to lay emphasis on Fine Arts

Education by way of establishing College of Fine Arts during the Eight Five Year Plan. It is, therefore, suggested that three disciplines be introduced during the Plan period in a phased manner such as, painting, sculpture and graphics. Each of the Faculties will be equipped with at least three lecturers and Assistant technicians headed by the Principal. The course will be of Five Years duration for which a Degree of Bachelor of Fine Arts will be awarded to the successful students.

It is felt imperative to establish the college to cater to the needs of the artistic and talented young generation of this state.

1. Appointment of staff :

(a) Principal	-1 (Rs.3700-5000)	
(b) Lecturer (Painting)	-3 (Rs.2200-4000)	
(c) Lecturer (Graphics)	-3 (Rs.2200-4000)	
(d) Lecturer (Sculpture)	-3 (Rs.2200-4000)	
(e) Lecturer (Theory)	-3 (Rs.2200-4000)	
(f) Lecturer (History)	-3 (Rs.2200-4000)	
(g) Technical Assistant (Applied Art & Theological casting)	-4 (Rs.1640-2900)	5.00
(h) Lecturer (Literature)	-1 (Rs.2200-4000)	
(i) U.D.C.	- 1 (Rs.1400-2600)	
(j) L.D.C .	- 2 (Rs.1200-2040)	
(k) Driver	- 1 (Rs. 950-1500)	
(l) IV Grade	- 3 (Rs. 800-1150)	
2. Wages	-	0.04
3. Travelling Expenses	-	0.06
4. Office	-	0.80
5. Rent	-	0.20
6. Publication	-	0.10
7. Other Charges	-	0.80
TOTAL ,		<u>7.00</u>

5. School of Music :

In order to expand and strengthen the Institute of Music and Fine Arts, it is proposed to establish a School of Music in which theoretical and practical knowledge will be imparted to the student. The course will be of three years duration in which a Certificate equivalent to matriculation will be awarded to successful students.

The financial implications during the Eight Five Year Plan will be as under :-

1) <u>Appointment of Staff</u> :		
a) Principal	- (Rs. 2200-3500)	
b) Music Teacher	- (Rs. 1640-2900)	
c) Organist	- (Rs. 1200-2040)	3.00
d) LDC-Cum-Typist	- (Rs. 1200-2040)	
e) Driver	- (Rs. 950-1500)	
f) IV -Grade	- (Rs. 800-1150)	
2) Wages		0.02
3) Travelling Expenses		0.08
4) Office Expenses		0.50
5) Rents		0.10
6) Publication of text books etc		0.10
7) Purchase of Equipments, Musical Instruments, Furniture, etc		0.20
		4.00
TOTAL :		4.00

6. Improvements of Vanapa Hall :

The only standard Auditorium, Vanapa Hall is equipped with costly sophisticated sound and light equipments and the utility for the general Public as well as the government is beyond exaggeration. During the Eight Five Year Plan, it is proposed to appoint Administrative Officer and few other staff. A separate administrative room is anticipated which will act as the centre of Cultural information.

1) <u>Appointment</u> (Continuance of 7th Plan)		
a) Administrative Officer	- (Rs. 3000-4500)	2.50
b) Mali	- (Rs. 800-1150)	
<u>New appointment :</u>		
a) Stage Manager	- (Rs. 1640-2900)	
b) Sound Technician	- (Rs. 1400-2600)	
c) LDC-Cum-Typist	- (Rs. 1200-2040)	1.20
d) Night Guard	- (Rs. 800-1150)	
e) Peon	- (Rs. 800-1150)	
2) Travelling Expenses		0.50
3) Office Expenses		3.00
4) Extension of Administrative Block-		5.00
5) Maintenance and Purchase of Screen, Generator, Motor Screen, etc		8.80
6) Other charges for purchase of sound, light system etc.		6.00
		30.00
TOTAL :		30.00

7. Archaeology.

The Archaeological wealth of Mizoram has not been surveyed property. During the Eighth Five Year Plan it is proposed to conduct exhaustive Archaeological survey of Mizoram and also to classify the monuments and landmarks of the land. To execute the programme appointment of one officers and few staff is proposed.

1) Appointment of Staff.

a) Asstt. Superintendent of Archaeology	-	1 (Rs.1640-2900)	
b) Photographer	-	1 (Rs.1400-2600)	
c) Survey Assistant	-	1 (Rs.1400-2600)	7.00
d) Driver	-	1 (Rs.950 -1500)	
e) IV Grade	-	2 (Rs.800 -1150)	

2) Wages	-		0.17
3) Travelling Expences	-		0.27
4) Office Expences	-		1.80
5) Payment of Prof. and Special Services	-		0.28
6) Rents	-		0.38
7) Maintenance of Vehicle	-		1.00
8) Other Charges	-		1.10

Total			12.00
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State Archives.

Mizoram State Archives has been functioning in a rented house under the control of Archivist. To improve and enlarge the State Archive it is proposed to strengthen the Staff position and improve the accomodation during the Eighth Five Year Plan.

1) Appointment of Staff. (Continuance of 7th Plan)

a) Driver	-	1 (Rs.950 -1500)	
b) Darkroom Attendent	-	1 (Rs.800 -1150)	

New Appointment.

a) Dy. Director of Archive	-	1 (Rs.3000-4500)	
b) Chemist	-	1 (Rs.2000-3500)	
c) Asstt. Archivist Grade- II	-	1 (Rs.1640-2900)	
d) Library Assistant	-	1 (Rs.1640-2900)	
e) Assistant	-	1 (Rs.1640-2900)	10.00
f) Binder	-	1 (Rs.1200-2040)	
g) Driver	-	1 (Rs.950 -1500)	
h) Record Asstt.	-	1 (Rs.800 -1150)	
i) Record Lifter	-	1 (Rs.800 -1150)	
j) IV Grade	-	1 (Rs.800 -1150)	

Wages	-		0.20
Travelling Expences	-		1.00
Office Expences	-		1.76
Rents	-		1.80
Maintenance of Vehicle	-		1.00
Construction of building	-		6.00
Acquisition, Collection of documents, etc.	-		2.00

TOTAL : Rs. 25.40

9. State Library :

The existing State Library is accomodated in a small rented house which is for from-attaining the look of a State Library. It is proposed to construct its own building and to strengthen the existing staff position during the Plan period.

1, Appointment of Staff (Continuance of 7th Plan)

(a) Assistant Librarian	- 1 (Rs. 2000-3500)	1.20
(b) U.D.C.	- 1 (Rs. 1400-2600)	

New appointment

(a) Deputy Librarian	- 1 (Rs. 2200-4000)	10.00
(b) Assistant Librarian	- 1 (Rs. 2000-3500)	
(c) Library Assistan	- 1 (Rs. 1540-2900)	
(d) Counter Assistant	- 1 (Rs. 1200-2040)	
(e) Assistant	- 1 (Rs. 1540-2900)	
(f) U.D.C.	- 2 (Rs. 1400-2600)	
(g) L.D.C.	- 2 (Rs. 1200-2040)	
(h) Driver	- 1 (Rs. 950-1500)	
(i) IV Grade	- 3 (Rs. 800-1150)	

2, Travelling Expenses	--	0.28
3, Office Expenses	--	1.40
4, Rent	--	1.12
5, Contribution to RRRLF	--	10.00
6, Purchase of books	--	5.00
7, Contribution of building-	--	6.00
8, Library Equipments, Furniture etc.	--	1.50

TOTAL : 36.50

10. District Libraries :

Under the control and Supervision of State Library two District Libraries one functioning in Lunglei and Saiha, Improvement of these Libraries is proposed by way of re-inforcement of staff Eight Five Year Plan.

1, Appointment of Staff :

(a) Assistant Library	- 2 (Rs. 2000-3500)	9.80
(b) Counter Attendant	- 2 (Rs. 1200-2040)	
(c) U.D.C.	- 2 (Rs. 1400-2600)	
(d) L.D.C.	- 2 (Rs. 1200-2040)	
(e) IV Grade	- 4 (Rs. 800-1150)	

2, Travelling Expenses	--	0.48
3, Office Expenses	--	3.22
4, Purchase of Books	--	7.00
5, Construction of Building	--	10.00
6, Purchase of equipments, furniture, etc.	--	2.40

TOTAL : 32.90

11. Sub-Divisional Libraries :

Three Sub-Divisional Libraries are functioning under State Library which are also proposed to be improved and enlarged during the Eight Five Year Plan 1990-95.

1. Appointment of Staff :

(a) Assistant Librarians	-3 (Rs. 2000-3500)	9.20
(b) Counter Attendant	-3 (Rs. 1200-2040)	
(c) U.D.C.	-3 (Rs. 1400-2500)	
(d) L.D.C	-3 (Rs. 1200-2040)	
(e) IV Grade	-6 (Rs. 800-1150)	
2. Travelling Expenses	-	1.00
3. Office Expenses	-	2.20
4. Rent	-	1.60
5. Purchase of Books	-	5.00
6. Library equipments, furniture, etc.		2.40
<u>TOTAL :Rs.24.40</u>		

12. Archaeological Survey :

The subject of pre-history in Mizoram is still a little investigated field of study, but it has an important bearing on the Composite Culture of Mizo and allied tribes. The Archaeological Survey of India and researches have not surveyed the Archaeological Wealth of Mizoram. In order to find out historical evidences and to preserve and protect historical landmarks and monuments it is quite essential to start establishment to undertake the work mentioned above.

A skeleton appointment of staff in proposed as under during the Eight Five Year Plan 1990-95.

1. Appointment of Staff :

(a) Survey Assistant	-1 (Rs. 1400-2600)	3.80
(b) L.D.C.	-1 (Rs. 1200.2040)	
(c) IV Grade	-1 (Rs. 800-1150)	
2. Travelling Expenses	-	0.90
3. Office Expenses	-	5.90
4. Other Charges	-	4.40
<u>TOTAL :Rs.15.00</u>		

13. State Museum :

The requisite building for State Museum has been completed during the 7th Five Year Plan. The fund proposed during the Eight Five Year Plan will be concentrated for collection of Museum objects and instalation of internal equipments.

1. Appointment of Staff :

(a) Technical Assistant	- 1 (Rs.1640-2900)	
(b) Taxidermist	- 1 (Rs.1640-2900)	
(c) Laboratory Assistant	- 1 (Rs.1400-2600)	
(d) Darkroom Attendent	- 1 (Rs.1200-2040)	
(e) Gallery Attendent	- 5 (Rs. 800-1150)	11.17
(f) Assistant	-1 (Rs.1640-2900)	
(g) IV Grade	- 4 (Rs. 800-1150)	
2. Wages	-	0.38
3. Travelling Expenses	-	0.90
4. Office Expenses	-	2.60
5. Maintenance of Vehicle	-	2.75
6. Maintenance of building	-	1.80
7. Purchase of Muscum articles etc.		7.20
8. Other charges	-	3.20

TOTAL :Rs.30.00

14. District Gazetteer :

Division of Mizoram into five administrative Districts during the Eight Five Year Plan period has been contemplated for which preparation of District Gazetteer is necessary. So allocation of fund for the purpose during the Eighth Five Year Plan is aimed at.

1. Appointment of Staff :

(a) State Editor	-1 (Rs.3000-4500)	
(b) Compiler	-1 (Rs.2000-3500)	
(c) Investigator	-1 (Rs.1640-2900)	
(d) L.D.C.	-1 (Rs.1200-2040)	7.50
(e) Driver	-1 (Rs. 950-1500)	
(f) IV Grade	-2 (Rs. 800-1150)	
2. Wages	-	0.64
3. Travelling Expenses	-	0.46
4. Office Expenses	-	1.40
5. Publication	-	1.40
6. Other charges	-	0.60

TOTAL : 12.00

ABSTRACT OF 8th FIVE YEAR PLAN (1990-95)

Sl No.	Name of Scheme	8th. Plan 1990-95 proposed outlay	1990-91 proposed outlay	1991-92 Proposed outlay	1992-93 Proposed outlay	1993-94 Proposed outlay	1994-95 Proposed outlay
1	2	3	4	5	6	7	8
1.	Direction & Administration	240.00	45.16	52.30	44.88	52.95	44.71
2.	District Offices	24.00	-	6.00	5.94	6.00	6.00
3.	Fine Arts Education (ImFA)	46.80	4.96	5.00	11.12	12.09	13.63
4.	College of Fine Art	7.00	-	-	-	2.64	4.36
5.	School of Music	4.00	-	-	-	1.44	2.56
6.	Vanapa Hall	30.00	3.04	3.70	6.28	8.60	7.78
7.	Archaeology	12.00	0.57	1.00	2.96	3.71	3.76
8.	Archives	25.40	2.85	3.00	3.40	7.95	8.20
9.	State Library	36.50	4.37	4.50	6.96	12.27	8.40
10.	District Libraries	32.90	2.30	2.50	9.06	11.38	7.66
11.	Sub-Divisional Libraries	24.40	2.60	3.00	5.00	6.50	7.30
12.	Archaeological Survey	15.00	-	0.50	4.20	4.50	5.80
13.	State Museum	30.00	3.55	3.00	7.90	7.05	8.50
14.	District Gazetteers	12.00	-	0.50	3.40	3.80	4.30
TOTAL :		540.00	70.00	85.00	111.10	140.88	133.02

8TH FIVE YEAR PLAN 1990 - 1995
DEPARTMENT OF SPORTS & YOUTH SERVICES

The Department of Sports & Youth Services made significant progress and achievements in a short span of a little over 3½ years since its bifurcation from Education Department with effect from 8th December 1986. The Department undertook construction of Sports Infrastructural facilities besides imparting intensive training/coaching in different sports disciplines for participation at Regional/Zonal/National/Inter-National competition. A total of Rs 221.34 lakhs was spent during the 7th Plan period.

During the 8th Plan Period, in addition to the completion of the spill-over schemes from the 7th Plan period and continuation of training/coaching for participation outside the State, the Department proposed to establish 3 (three) District Offices i.e. one in each Administrative District. The details of the supporting staff for the District Offices is attached as Appendix I. One vehicle (Gypsy) is proposed to be purchased for each District Office during the 8th Plan Period.

The existing Directorate also needs expansion and the details of the proposed expansion of the Directorate is attached as Appendix - II. As replacement of the old vehicles and also to cater to the expansion of the Directorate, 4 (four) Gypsies are proposed to be purchased besides 15 Motor Cycles for use by the coaches and other field staff towards the discharge of their coaching and other field duties.

The Department also proposes to substantially increase/raise the number and level of participation in the National/Inter-National level of competitions besides participating in different National/International of youth activities. For all-round promotion of Sports & Games, the number of Tournament proposed to be organised within the State during the 8th Plan Period is also 100% higher than the number of Tournaments conducted during the 7th Plan Period.

During the last part of the 7th Plan Period a successful Mountaineering Expedition to Mount Bhāgirathi-II was undertaken by a seven members Mizo Mountaineering Team. During the 8th Plan Period more such expeditions are proposed besides introducing para-sailing and Hang Gliding.

In view of the proposed expansion of the Department including setting up of 3(three) District Offices as well as the substantial increase in the number of Tournaments/Participations for the 8th Plan Period, Rs 700.00 lakhs is considered to be the bare-minimum non-reduceable figure.

APPENDIX - 1

DISTRICT ADMINISTRATION

The following posts are proposed for creation during 8th Plan 1990-1995 for (three) Districts Viz. Aizawl, Lunglei, and Salha.

1.	Dist. Sports & Youth Officer	(3000-4500)	3 Posts
2.	Asst. Dist. Sports & Youth Officer	(2200-4000)	3 - do -
3.	Coach Grade I	(1640-2900)	3 - do -
4.	Phy. Edu. Supervisor	(1640-2900)	3 - do -
5.	Senior Organiser (S&G)	(1640-2900)	3 - do -
6.	Senior Adventure Organiser	(1640-2900)	3 - do -
7.	Coach Grade II	(1400-2600)	2 - do -
8.	Phy. Edu. Teacher (Graduate)	(1400-2600)	20 - do -
9.	Dist. Scouts Organiser	(1400-2600)	3 - do -
10.	Dist. Guides Organiser	(1400-2600)	3 - do -
11.	Dist. Adventure Organiser	(1400-2600)	3 - do -
12.	Coach Grade III	(1200-2040)	15 - do -
13.	Phy. Edu. Teacher (Non Graduate)	(1200-2040)	15 - do -
14.	Asst. Scouts Organiser	(1200-2040)	3 - do -
15.	Asst. Guides Organiser	(1200-2040)	3 - do -
16.	Asst. Adventure Organiser	(1200-2040)	3 - do -
17.	Head Assistant.	(1640-2900)	3 - do -
18.	U.D.C.	(1400-2300)	6 - do -
19.	L.D.C.	(1200-2040)	9 - do -
20.	Store keeper	(1200-2040)	3 - do -
21.	Driver	(950-1500)	3 - do -
22.	Sports Helper	(800-1150)	3 - do -
23.	Peon	(800-1150)	3 - do -
24.	Chowkidar	(800-1150)	3 - do -

T O T A L = 121 Posts

Out of the above posts, the following posts are proposed for creation during 1990-1991.

		Aizawl Dist	Lunglei Dist.	TOTAL
Asst. Dist. Sports & Youth Officer.	(2200-4000)	1	1	2 Posts
Coach Grade I	(1640-2900)	1	1	2 - do -
Phy. Edu. Supervisor	(1640-2900)	1	1	2 - do -
Senior Organiser (S&G)	(1640-2900)	1	1	2 - do -
Phy. Edu. Teacher (G)	(1400-2600)	3	2	5 - do -
Dist. Scouts Organiser	(1400-2600)	1	-	1 - do -
Dist. Guides Organiser	(1400-2600)	1	-	1 - do -
Dist. Adv. Organiser	(1400-2600)	1	-	1 - do -
Phy. Edu. Teacher (NG)	(1200-2040)	3	2	5 - do -
Coach Grade III	(1200-2040)	2	2	5 - do -
Head Assistant	(1640-2900)	1	1	2 - do -
U.D.C.	(1400-2300)	1	1	2 - do -
L.D.C.	(1200-2040)	1	1	2 - do -
Store keeper	(1200-2040)	1	1	2 - do -
Driver	(950-1500)	1	1	2 - do -
Sports Helper	(800-1150)	1	1	2 - do -
Peon	(800-1150)	1	1	2 - do -
Chowkidar	(800-1150)	1	1	2 - do -

T O T A L = 24 18 42 Posts

APPENDIX - II

1. Direction & Administration (Strengthening & Expansion)

(a) Appointment of Staff : The following posts are proposed creation during 8th Plan period

i)	Joint Director	3700-5000	1 No
ii)	Dy. Director (Admn)	3000-4500	1 No
iii)	Asst. Director,	2200-4000	3 Nos
iv)	Assistant	1640-2900	1 No
v)	U.D.C.	1400-2300	2 Nos
vi)	L.D.C.	1200-2040	3 Nos
vii)	Steno II	1640-2900	1 No
viii)	Store keeper	1200-2040	1 No
ix)	Despatch Rider	950-1400	1 No
x)	Driver	950-1400	8 Nos
xi)	Dozer Operator	1200-2040	1 No
xii)	Handy man	750- 940	1 No
xiii)	Duftry	800-1150	1 No
xiv)	Peon	750- 940	2 Nos
xv)	Lasker	750- 940	2 Nos
xvi)	Sweeper	750- 940	<u>2 Nos</u>

TOTAL: 35 Nos

Out of the above, posts, during the first year of 8th plan i.e. 1990-1991, the following posts are proposed for creation :-

i)	Joint Director	3700-5000	1 No
ii)	Dy. Director (Admn)	3000-4500	1 No
iii)	U.D.C.	1400-2300	1 No
iv)	Store keeper	1200-2040	1 No
v)	Driver	950-1400	5 Nos
vi)	Despatch Rider	950-1400	1 No
vii)	Dozer Operator	1200-2040	1 No
viii)	Handy Man	750- 940	1 No
ix)	Duftry	800-1150	1 Nos
x)	Peon	750- 940	<u>2 Nos</u>
<u>TOTAL =</u>			<u>16 Nos</u>

XI (E)-1

DRAFT 8TH FIVE YEAR PLAN 1990-95 IN RESPECT OF
HEALTH & FAMILY WELFARE DEPARTMENT.

With the proposed outlays of Rs. 4000.00 Lakhs, the Health Department is formulating its 8th Five Year Plan in laying a stress on catering wider coverage of Health-care services in rural areas by establishing more CHCs, PHCs, SHs, extension of Hospitals, improvement of the infrastructures of all other programmes and administrative set-up.

Break-up of the proposed outlays is as under :-

(Rs. in lakhs)

Heads of Development	FWD works 2	Deptt works 3	State 4	Others 5	TOTAL 6
A: Minimum Needs Prog rammes.	507.00	513.00	105.00	116.50	1261.50
B: Hospitals	637.00	135.00	100.00	160.00	1032.00
C: MFR & Training	30.00	-	0.00	12.00	42.00
D: LSM & H	-	14.40	2.50	5.00	21.90
E: <u>Control of Communicable Diseases:</u>					
1) AIDS & Surveillance -	-	-	0.50	1.50	2.00
2) <u>TB Control Prog.</u>					
i) Est. of 20 bedded TB Hosp (SP)	20.00	-	-	27.00	47.00
ii) Estt. of DTC/Mini DTC (50:50 CSS)	-	-	-	12.00	12.00
3) N.M.E.P. (50:50 CSS)	-	-	72.00	-	72.00
4) STD	-	-	1.00	4.00	5.00
F. <u>Other Programmes:</u>					
1) Health Directorate	80.00	-	10.00	17.50	107.50
2) Dist. Sub-Divn. Admn	60.00	-	3.50	-	63.50
3) Health Edn (MEM)	-	-	7.00	24.00	31.00
4) School Health	-	-	1.00	9.00	10.00
5) Control of Blindness	-	-	10.00	5.00	15.00
6) Nursing & Pharmacy Council.	-	-	-	5.00	5.00
7) Medl. Store Depot	75.00	10.00	2.00	1020.00	1117.00
8) F.A.	30.00	2.00	5.00	27.00	74.00
9) Drug Control	-	-	5.50	10.00	15.50
10) Nutrition & Goitre Control	-	-	-	6.00	6.00
11) GIA to Non-Govt. Medl. Institution	-	-	-	30.00	30.00
TOTAL	1,439.00	694.40	325.10	1541.50	4,000.00

VI (E)-2

ITEMWISE DESCRIPTION OF THE SCHEMES:A : MINIMUM NEEDS PROGRAMMES :A:1 : NEW SCHEMES :(a) Esstt. of Community Health Centres:

It is proposed to upgrade the existing 5 (five) 10-bedded PHC/SHCs at Darlawn, Saitual, Hroba, Tripang and Buarpui into 30 bedded CHCs with a provision of Rs. 150.00 lakhs (FWD) and Rs. 50.00 lakhs (Deptt) for construction of main Indoor buildings and Staff Quarters respectively.

(b) Esstt. of 10 bedded PHCs:

Establishment of new 18 PHCs are targetted during 8th plan and a provision of Rs. 216.00 lakhs (FWD) and Rs. 120.00 lakhs (deptt) is also earmarked for construction of Indoor buildings and Staff Quarters respectively at the following places -

i) N. M. Aizawl Dist.		ii) Aizawl Dist.	
ii) N.E. Khawdungsei	-do-	xii) Kanthun	-do-
iii) Hnahlan	-do-	xiii) Kaw kulh	-do-
iv) Ratu	-do-	xiv) S. V. Laloihni	Lunglei List.
v) Bungzung	-do-	xv) Chelun	-do-
vi) Sairang	-do-	xvi) Thelun	-do-
vii) N. Vanlaiphai	-do-	xvii) Chashang	Chhimitou List.
viii) Phullen	-do-	xviii) Fala	-do-
ix) H. Hlham.	-do-	xix) Sarpau	-do-

(c) Esstt. of Sub-Centres :

Establishment of new 60 Sub-Centres in Mizoram are proposed with a provision of Rs. 96.00 lakhs (deptt) for construction of S/C buildings and Staff Quarters respectively during 8th plan.

A:2: Spill-over Schemes :-

For completion and clearing liabilities of building constructions, which were taken up and not completed in the earlier years, are taken over as spill-over schemes in 8th plan and location with requirement of funds are as follows :

XI(E)-3

i) Hnahthial CHC Indoor	- Rs. 6.00 lakhs
ii) Borapansury PHC Indoor	- Rs. 9.00 lakhs
iii) Chhuarlung -do-	- Rs. 3.30 "
iv) Khawhai -do-	- Rs. 3.00 "
v) Bilkhawthlir -do-	- Rs. 10.00 "
vi) Kawrlethawveng -do-	- Rs. 1.10 "

TOTAL: - Rs. 45.00 lakhs

Funds may be provided as above and the works are now being taken up by PWD.

A:3 Reconstruction of Medical buildings and Staff Quarters :-

In some PHCs and S/Cs, main buildings with their Staff Quarters were badly in needs of reconstructions. It is proposed to provide funds as per requirements illustrated below during 8th Plan,

(a) (i) Reconstruction of Indoor buildings at Reiek, Bukpui, Lungdar (E), Phailong (W) Rabung, Phualbuang, Chhlophir, Lungreun, Bundtlang (S) (To be taken up by PWD)	- Rs. 96.00 lakhs
(ii) Reconstruction of S/Quarters in the PHCs (To be taken up departmentally)	- Rs. 120.00 "
(b) Reconstruction of 50 nos of S/C buildings with Staff Quarters (to be taken up departmentally)	- Rs. 80.00 "
TOTAL OF (a) & (b)	- Rs. 296.00 "

A:4. Emergency Powers and Electricity Supply :-

For providing Electrification to as many as Medical buildings in PHCs and S/Cs not electrified, a provision of Rs. 30.00 lakhs is earmarked during 8th Plan.

A:5. Installation of Solar Hot Water Heating System :-

It is proposed to provide Rs. 2.00 lakhs during 8th Plan for this purpose.

A:6. Emergency Water Supply :-

To improve sources of Water Supply better in PHCs, S/Cs, it is proposed to provide pipe connection water Reservoir etc and for which Rs. 15.00 lakhs is earmarked during 8th Plan.

A.7. Staff :

As already stated, it is proposed to establish 5 CHCs, 18-PHCs and 60-Sub-Centres during 3th Five Year Plan. To implement these schemes, creation of posts of various categories would be very much necessary to be created as per staffing pattern of prescribed for the Institutions. A provision of Rs. 100.00 lakhs is earmarked to meet staff requirement during 8th Plan

A:8. Break-up proposed outlays under Mill :

i) Salary	- Rs. 100.00 lakhs
ii) T.E.	- Rs. 5.00 "
iii) O.E (A)	- Rs. 23.50 "
iv) O/E (B) (Purchase of 10 Gypsy)	- Rs. 15.00 "
v) M.V (Purchase of 5 Jeep Ambulance Van)	- Rs. 8.00 "
vi) O.C (Diet of patients)	- Rs. 30.00 "
vii) M & S	- Rs. 30.00 "
viii) M & E	- Rs. 30.00 "
ix) Major works (PWD)	- Rs. 507.00 "
x) Minor works (Deptt)	- Rs. 513.00 "
<hr/>	
TOTAL : - Rs. 1,261.50 lakhs	

B. HOSPITALS:

B:1 . State Hospitals :

The existing District Hospital at Aizawl, which functions as referral Centre, cannot meet the demands of public. Keeping this in view, a proposal was made during 7th Plan for establishment of 500 Bedded State Hospital, but couldnot be implemented due to financial constraints.

It is now proposed to take up the schemes for implementation during 8th Plan and together with which the recommendation of the State Planning Board's for bifurcation of Health administration into 2 or 3 directorate to look after Hospitals and curative services is also proposed to be implemented during 8th Plan periods.

AI(B)-5

For which above, Rs. 100.00 lakhs may be provided for construction of buildings, purchase of medicines and equipments and creation of posts etc.

B:2. Civil Hospital, Aizawl.

i) For further improvement and also for clearing liabilities for construction of additional 140 bedded wards and Early Cancer Detection Centre buildings, which were taken up during 7th Plan, Rs. 60.00 lakhs may be provided.

ii) It is also proposed to construct one Matron's Quarters at the estimated cost of Rs. 2.00 lakhs and the works will be taken up by PWD.

iii) De-addiction Unit :-

Keeping in view of the rapid increase of Drug De-addiction habits and magnitude of problems in the State, it is proposed to establish separate unit of De-addictions in the Civil Hospital Complex, Aizawl. To start with, Rs. 10.00 lakhs may be provided during 8th Plan for creation of posts required for the unit and also for construction of buildings which will be taken up by P.W.D.

B:3. Civil Hospital, Lunglei : Target is further improvement of the institutions during 8th Plan as under -

- | | |
|---|--------------------|
| i) Reconstruction of Main building
to be taken up by PWD | - Rs. 100.00 lakhs |
| ii) Constr. of various types of
Staff Quarters (Type I to IV)
to be taken up departmentally | - Rs. 30.00 " |

TOTAL :- Rs.130.00 Lakhs

B:4. Saiha Hospital : For improvement of the Hospitals, the following are proposed as under -

- | | |
|---|------------------|
| i) Improvement and extension of
existing Hospital building (PWD) | - Rs. 5.00 lakhs |
| ii) Constr. of Doctor's Quarters
and other III Gr. quarters
(Deptt) | - Rs.10.00 " |

TOTAL :- Rs.15.00 Lakhs

.....0/-

B:5. Chawngte:

Chawngte is the Sub-Divisional Headquarter and bedded facilities available is only 10 at present.

Moreover, the inhabitants within its jurisdiction are the most backward classes in Mizoram and the existing building is also badly in needs of re-construction. To improve the Health care facilities, it is proposed to upgrade into 30 bedded strength and a provision may be made as under -

- i) Constr. of Main building - Rs. 25.00 lakhs.
to be taken up by PWD
- ii) Constr. of addl. Staff - Rs. 0.00 "
quarter of various types
to be taken up departmentally.

TOTAL :- Rs. 25.00 lakhs

B:6. Lawngtlai CHC :

Construction of Main building was completed in 1989-90 and hence, construction of additional staff quarters of different types are only considered necessary for which Rs. 15.00 lakhs may be provided.

B:7. Tlabung Hospitals :

Uptill now, the Hospital donot have OPD building which is considered necessary to have separately and it is targetted to construct during 8th Plan with a provision of Rs. 5.00 lakhs and the works will be taken up by PWD.

B:8. Champhai Hospital :

During 8th Plan, Improvement of the Hospital by providing more Staff Quarters i.e. Doctor's Quarter, Nurse Quarters and other Staff are the targets with a provision of Rs. 15.00 lakhs.

B:9. Kolasib Hospital :

With a provision of Rs. 15.00 lakhs, it is proposed to provide as many as different types of Staff Quarters during 8th Plan.

XI(F)-7

B:10. Serchhip Hospital :

During 8th Plan, proposals are made for the followings :-

- i) Reconstruction of Hospital building - Rs. 30.00 lakhs (PWD)
- ii) Construction of different types of Staff Quarters - Rs. 15.00 " (DEPTT)

TOTAL : Rs. 45.00 lakhs

B:11. Emergency Water Supply :

Rs. 10.00 lakhs is earmarked for providing better facilities of water supply in different Hospitals during 8th Plan period.

B:12. Emergency Supply of Powers & Electricity :

Rs. 20.00 lakhs is earmarked to meet the requirement of Emergency Supply of Powers and Electricity in different Hospitals and Staff Quarters during 8th Plan period.

B:13. Requirement of Staff :

In spite of having created many posts during 7th Plan periods under Hospital (P), it may be pointed out that our Hospitals are not sufficiently equipped with adequate staff of various categories as per prescribed staffing patterns of the Institutions. As a result, most of the Hospitals are actually not functioning properly mainly due to lack of speciality services, Nursing Staff, Technicians etc. Keeping this in view, a provision of Rs.100.00 lakhs is earmarked for creation of posts during 8th Plan.

B:14. Financial break up of the proposed outlays under Hospital (P) during 8th Plan (1990-95)

- i) Salary of Staff - Rs.100.00 lakhs
- ii) O.E (A) - Rs. 20.00 "
- iii) O.E.(B)(Purchase of Ambulance Jeeps) - Rs. 10.00 "
- iv) M & E - Rs. 50.00 "
- v) M & S - Rs. 50.00 "
- vi) O.C.(Diet of patients) - Rs. 30.00 "
- vii) Major works (PWD) - Rs. 637.00 "
- viii) Minor works (Deptt) - Rs. 135.00 "

TOTALS - Rs.1042.00 "

XI(E)-8.

C. MEDICAL EDUCATION RESEARCH & TRAINING :

During 8th Plan, construction of GNM and NIP Training School and Hostels are proposed to be taken up and for improvements of this programmes, provision are earmarked as under -

i)	Constr. of Hostel(MRF) (to be taken up by FWD)	- Rs. 20.00 lakhs.
ii)	Constr. of Trg.School & Offices (to be taken up by FWD)	- Rs. 10.00 "
iii)	Purchase of Mini Bus for Trainees.	- Rs. 10.00 "
iv)	Creation of one post each of Driver and Van cleaner	- Rs. 0.60 "
v)	O.E (A)	- Rs. 2.00 "

TOTAL : Rs. 42.60 lakhs

D; ISM & H :

It is proposed to establish 4 Dispensaries in ISM & H in Mizoram during 8th Plan at Tlabung, Vaseitlang Marpara, Tuipuhari and for implementation of the schemes, it is proposed to provide Rs. 21.90 lakhs as appropriated under -

i)	Constr. of 4 Dispy. building @ Rs.2.00 lakhs (Deptt)	- Rs. 8.00 lakhs
ii)	Staff Quarters 8 nos @ Rs.0.80 lakhs (deptt)	- Rs. 6.40 "
iii)	Salary for creation of new post	- Rs. 2.50 "
iv)	M & S	- Rs. 2.00 "
v)	M & E	- Rs. 2.00 "
vi)	O.E (A)	- Rs. 1.00 "

TOTAL : - Rs.21.90 "

E. CONTROL OF COMMUNICABLE DISEASES :

F.1. AIDS, Epidemics Surveillance :

It is essential to have an effective Surveillance System to control the programmes in line with the instruction of the Government of India. For its implementation, it is proposed to create the post of the State Surveillance Officer with the same rank of the Dy. Director of Health Services. Requirement of funds will be as follows -

i) Salary of Staff	- Rs. 0.50 Lakhs
ii) Purchase of 1 Jeep	- Rs. 1.50 "
TOTAL:	- Rs. 2.00 Lakhs

E:2. T.B. Control Programmes :

(i) Establishment of 20 bedded TB Hospital at Hrangchawkawn LUNGLEI :

In addition to the only one 71 bedded TB Hospital at Zembawk, a proposal for establishment of 20 bedded TB Hospital within Lunglei District has been held in the Department, but couldnot be implemented due to non-availability of suitable land. Now, the department has owned land having spacious area at Hrangchawkawn Lunglei. It is, therefore, proposed to implement the scheme with the proposed outlays as appropriate under during 8th Plan.

a) Constr. of 20 bedded TB Hospital building - (to be taken up by PWD)	- Rs. 20.00 lakhs
b) Purchase of vehicles	- Rs. 3.00 lakhs
c) O.E. (A)	- Rs. 5.00 "
d) M & E	- Rs. 5.00 "
e) M & S	- Rs. 10.00 "
f) O.C. (diet of patients)	- Rs. 4.00 "
TOTAL :	- Rs. 47.00 lakhs

(ii) Establishment of DTC and Mini DTC :

This programmes is to be taken up in matching contribution at 50:50 basis with the Central and State Government. Under this programmes, DTC and Mini DTC had been established in Aizawl and Lunglei respectively and no buildings are constructed as yet due to paucity of fund which are nor functioning and attached in the Civil Hospitals in a very congested and inconvenient rooms. As such, construction of buildings are considered necessary. Moreover, it is also considered necessary to establish Mini DTC at Saiha. Therefore, it is proposed to implement these scheme during 8th Plan and to provide funds as follows -

XI(E)-10.

a) Constr. of DTC building at Aizawl (PWD)	- Rs. 6.00 lakhs
b) Constr. of Mini DTC building at Lunglei and Saiha @ Rs.4.00 lakhs (PWD)	- Rs. 8.00 lakhs.
c) Salary of Staff (to be created according to the Staffing pattern laid down by Govt. of India)	- Rs.10.00 "
d) Purchase of Jeep	- Rs.10.00 "
e) O.E (A)	- Rs.10.00 "
f) M & S	- Rs.25.00 "
g) M & E	- Rs.15.00 "

TOTAL : - Rs.84.00 lakhs

50% of the State share will, therefore, be Rs. 42.00 lakhs.

iii) Break-up of proposed outlays under TB Control Programme :

1. 50% of State share for estt. of DTC and Mini DTC	- Rs. 42.00 lakhs.
2. Under State Plan for esstt. of 20 bedded TB Hosp. at Hrangchawkawn, Lunglei	- Rs. 47.00 lakhs.

TOTAL :- Rs. 89.00 lakhs

E;3. N.M.E.P.

This programmes is taken up at 50:50 sharing basis with the Central and State Government. The main problems to improve and strenggthen the programmes is to acute shortage of manpower and hence creation of more posts is considered necessary.

Break up of proposed outlays for the above and further improvement of the programmes is as follows :-

i) Salary of Staff (creation of post)	- Rs.10.00 lakhs
ii) Wages for sprayers	- Rs.5.00 "
iii) O/E (A)	- Rs.10.00 "
iv) O/E (B) purchase of jeep	- Rs. 4.00 "
v) M & E	- Rs.30.00 "
vi) M & E	- Rs.40.00 "

TOTAL : - Rs.144.00 lakhs

Therefore, 50% of State share would be Rs. 72.00 lakhs.

E:4. Sexually Transmitted Diseases :

A provision may be provided for strengthening the control of this programmes as follows -

i) Salary	- Rs. 1.00 lakhs
ii) O.E (A)	- Rs. 4.00 "
<hr/>	
TOTAL :	- Rs. 5.00 "

F. OTHER PROGRAMMES :

F:1. Health Administration :-

For establishment of separate Directorate for Hospital and for strengthening the existing Health Directorate, Rs. 107.50 lakhs is proposed and break-up is shown as under -

i) Salary of Staff for creation additional posts.	- Rs. 10.00 lakhs
ii) O.L (A)	- Rs. 5.00 "
iii) O.E (B)(Purchase of Jeeps)	- Rs. 7.00 "
iv) Purchase of 2 bikes	- Rs. 0.50 "
v) Constr.of Dte. building(PWD)	- Rs. 80.00 "
vi) Purchase of Staff Mini Bus	- Rs. 5.00 "
<hr/>	
TOTAL :	- Rs.107.50 lakhs

F:2. District & Sub-Divisional Admn :

Out of 4 District Offices and 6 (six) Offices now already in existence, only 2 (two) District Office at Lunglei and Saiha have Office buildings at their owns. It is proposed to construct Office buildings and also to create 6 (six) posts of DH Sister for each Offices, above during 8th Plan with the proposed outlays follow-

XI(E)-12.

- | | | |
|------|--|--------------------|
| i) | Constr. of DCM&HO Offices at Aizawl E/W @ Rs.15.00 (PWD) | - Rs. 30.00 lakhs. |
| ii) | Constr. of SDM & HO Offices at Champhai, Kolasib, Tlabung, Chawngte, Mamit and Serchhip @ Rs.5.00 lakhs(PWD) | - Rs. 30.00 " |
| iii) | Salary for creation of Post of DPH Sister-6 posts. | - Rs. 3.50 " |

TOTAL :- Rs. 63,50 lakhs

F:3. Health Education Bureau (MEM Wing)

During 8th Plan, it is proposed to strengthen and improve this programmes by creating additional posts and providing better equipments so as to be an effective tools in the department.

Break up of the proposed outlays is as under -

- | | | |
|--------|------------------------------|------------------|
| i) | Salary of Staff | - Rs. 7.00 lakhs |
| ii) | O.E (A) | - Rs. 5.00 " |
| iii) | O.E (B)(Purchase of vehicle) | - Rs. 4.00 " |
| iv) | M & E | - Rs. 5.00 " |
| v) | Publication/Advertisement | - Rs. 10.00 " |
| TOTAL: | | - Rs.31.00 lakhs |

F:4: School Health Programmes ;

For further improvement of this programmes, it is proposed to provide Rs. 10.00 lakhs as appropriated under

- | | | |
|--------|-----------------|------------------|
| i) | Salary of Staff | - Rs. 1.00 lakhs |
| ii) | Publication | - Rs. 3.00 " |
| iii) | O.E. (A) | - Rs. 2.00 " |
| iv) | M & E | - Rs. 4.00 " |
| TOTAL: | | - Rs.10.00 lakhs |

F:5: Control of Blindness :

Creation of more posts of Ophthalmic Surgeons and Ophthalmic Assistants are considered very necessary. With these and for further improvement of this programmes, a provision of Rs. 15.00 lakhs is proposed to be provided during 8th Plan as classified follows-

i) Salary for creation of new post	- Rs. 10.00 lakhs
ii) Publication	- Rs. 3.00 "
iii) O.E. (A)	- Rs. 2.00 "
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TOTAL	- Rs. 15.00 "

F.6. Nursing & Pharmacy Councils

For implementation of the Councils, a provision of Rs. 5.00 lakhs may be provided.

F.7. Medical Store Depot

The necessity of having the Central Medical Store Depot is over emphasized. During 8th Plan, it is proposed to provide sufficient funds for better facilities and organisation of the Store Depot, with the proposed outlays of Rs. 1117.00 lakhs as appropriate for the followings -

i) Constr. of CMS building including requisition for land (to be taken up by PWD)	- Rs.75.00 lakhs
ii) Constr. of different types of Staff quarters (dormt.)	- Rs.20.00 "
iii) M & S	- Rs.500.00 "
iv) M & E	- Rs.500.00 "
v) Purchase of trucks 2 nos with maintenance 6 (six)	- Rs.20.00 "
vi) Creation of posts of Drivers and 2 posts of Handyman	- Rs. 2.00 "
<hr/>	
TOTAL :	Rs.1117.00 "

F.8. Drug Control Programmes

Strengthening of this Programmes is considered very necessary to be an effective cell to monitor the overall control of Drug Licences, Sales premises, Drug abuses in the State. It is therefore, proposed to create more posts of Drug Inspectors, and above with some Group 'C' posts during 8th Plan and a provision may be provided as under -

i) Salary for creation of post	- Rs. 5.00 lakhs
ii) O.E. (A)	- Rs. 5.00 "
iii) O.E. (B) (Purchase of vehicles)	- Rs. 5.00 "
<hr/>	
TOTAL:	- Rs.15.00 lakhs

F:9. Prevention of Food Adulteration (PFA)

In spite of the fact that the problems of Food Adulteration and allied diseases and illness are one of the Health hazard also in Mizoram like other state in India. The Section to deal with this particular programme is more or less in non existence in Mizoram. It is, therefore proposed to create a Section in maniaature forms during 8th Plan period.

1. Constr. of PH. Laboratory	- Rs. 30.00 lakhs
2. Constr. of Staff Quarter	
a) Grade 'A' Quarter - 1 No	
b) Grade 'B' Quarter - 3 nos	
c) Grade 'C' Quarter - 3 nos	
d) Grade 'D' Quarter - 3 nos	
	- Rs. 12.00 lakhs.
3. O/E (B) (Purchase of Vehicles (1 Gypsy and maintenance)	- Rs. 2.00 lakhs.
4. M & E	- Rs. 10.00 "
5. M & S	- Rs. 10.00 "
6. O/E (A)	- Rs. 5.00 "
7. Salary of Staff to be created as required for the institution	- Rs. 5.00 "

TOTAL : - Rs. 74.00 lakhs

F.10. Nutrition and Goitre Control Programmes

In order to strengthen the programmes in the State, a provision may be made available during 8th plan as follows :-

1) O.E (A)	- Rs. 2.00 lakhs
ii) O.E (B) (Purchase of 1 Gypsy with maintenance)	- Rs. 2.00 "
iii) Publication/Advertisement	- Rs. 2.00 "

TOTAL . - Rs. 6.00 lakhs

F.11. Non-Government Medical Institutions :

The Participation and involvement of Community through well-organised Voluntary Organisation in General and Missionary Hospitals and Dispensaries in particular in the context of Mizoram State Plays important roles towards better Health care facilities.

In Mizoram, there are several such Institution having facilities for treatment of patients and also drug-addiction cases which are very useful for the public and also greatly help this Department too in providing wider coverage of Health care facilities in the State.

The Department is, therefore, giving priority for their further improvement and hence, it is proposed to make Rs. 30.00 lakhs available during 8th Plan so as to provide to the Non Government Medical Institutions in Mizoram in forms of Grants-in-Aids.

XI(E)-16
DRAFT ANNUAL PLAN OF 1991-92 IN RESPECT OF
HEALTH & FAMILY WELFARE DEPARTMENT

Starting the 8th Five Year Plan from 1990-91 an outlays of Rs.400.00 lakhs had been approved for the first Annual Plan by Planning Commission and secondly draft Annual Plan for 1991-92, is formulated with a proposed outlays of Rs.878.00 lakhs.

Break-up of outlays appropriated under various Programs are shown as under:

Break-up of the proposed outlay for Annual Plan 1991-92

Heads of Developments	FDL	Deptt. Works	Staff Works	Other	Total
A: Minimum Needs Prog	120.00	105.00	20.00	26.00	272.00
B: Hospitals	97.00	52.00	20.00	33.00	202.00
C: Medical Edn. Research & Training	15.00	-	-	-	15.00
D: ISM & H		14.40	0.50	0.60	15.50
E: Control of Communicable Diseases					
(1) AIDS & Epidemic Surveillance		-	-	1.50	1.50
(2) T.B. Control Prog.					
(i) Esst. of 20 bedded T.B. Hospital (SP)	20.00	-	-	-	20.00
(ii) Esst. of DIC/Mini DTC (50:50) SCC	14.00	-	-	-	14.00
(3) NMEP (50:50 CSS)	-	-	46.00	0.50	46.50
(4) SID	-	-	-	1.00	1.00
F: Other Programmes:					
(1) Health Directorate	30.00	-	2.00	11.30	43.30
(2) District Admn & Sub-Divisional Admn	40.00	-	1.00	-	41.00
(3) Health Education Bureau (MEM Wing)	-	-	2.00	7.00	9.00
(4) School Health Prog.	-	-	-	2.00	2.00
(5) Control of Blindness	-	-	1.00	1.00	2.00
(6) Nursing & Pharmacy Council	-	-	-	0.50	0.50
(7) Medical Store Depot	35.00	5.00	0.50	130.00	170.50
(8) Drug Control Prog.	-	-	1.50	2.50	3.50
(9) Prevention of Food Adulterations	10.00	-	0.20	2.50	12.70
(10) Nutrition & Goitre Control Prog.	-	-	-	1.00	1.00
(11) Non-Govt Medical Institution (Grant-in-Aids)	-	-	-	5.00	5.00
	381.00	177.40	54.20	225.40	878.00

ITEMWISE DESCRIPTION OF THE SCHEMES :

A: Minimum Needs Programmes:

Proposed outlays during 1991-92 under this programmes in Rs.272.00 lakhs and scheme proposed to be taken up are monthly a new Schemes as follows:

A:1 Establishment of CHC(30 bedded Rural Hospital) :

Upgradation of existing 10 bedded PHC at Ngopa into 30 bedded CHC is proposed to be taken up under this Schemes and provisions is earmarked for the following:

- (i) Construction of Indoor building - Rs.30.00 lakhs
(to be taken up PWD)
- (ii) Construction of various types (of staff Quarter(Deptt)) - Rs. 5.00 lakhs

TOTAL :- Rs.35.00 lakhs

A:2. Establishment of 10 bedded PHCs

It is targetted to take up establishment of 4(four)PHCs at the followings :

- (i) Hnahlan, Aizawl District.
- (ii) Kanahmun, Aizawl District.
- (iii) Cherhlun, Lunglei District.
- (iv) Sangau, Chhintuipui District.

For implementation, approximate requirement of Funds are worked out/ ^{and} may be made available for the followings:

- (i) Construction of 4(Four)Indoor building @Rs.12.00 lakhs(PWD) - Rs. 48.00 lakhs
- (ii) Construction of various types of staff Quarter to be taken up departmentally - Rs. 50.00 lakhs

TOTAL :-Rs. 98.00

A:3. Spill-over Schemes:

- (i) Khawhai PHC : A provision of Rs.6.00 lakhs is earmarked during 1991 -92 for completion of the works which were taken up by PWD in the earlier years.

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A:4 Reconstruction of Existing BHC Indoor Building:

Some PHC Indoor buildings, which were constructed long years back are in a dilapidated condition and even beyond repairs. As per Schemes during 1991-92, a provision may be included for re-construction of Indoor buildings at the following places:

- (i) Bulpul - Rs. 12.00 lakhs
- (ii) Phuaibuang - Rs. 12.00 lakhs
- (iii) Chhiphir - Rs. 12.00 lakhs

TOTAL: Rs. 36.00 lakhs

and the works will be taken up by P.W.D.

A:5 Establishment of Sub-Centres:

It is proposed to establish 12 new Sub-Centres during 1991-92 and for construction of S/C building and staff Quarters, a provision of Rs.40.00 lakhs may be provided. Location of the Sub-Centres will be decided later on.

A:6 Powers and Electricity Supply:

Rs.6.00 lakhs is earmarked during 1991-92 for providing Powers and Electricity to as many as Medical Centre not electrified.

A:7 Water Supply:

For this, Rs.5.00 lakhs is proposed to be made available during 1991-92.

A:8 Staff

For implementation of the programmes for establishment of various Health Centres as already mentioned, creation of posts of different categories would be necessary to be created as per staffing patterns prescribed for the institutions and for which Rs.20.00 lakhs may be provided during 1991-92.

A:9 Financial break-up and MNP :

- 1. Salary - Rs.20.00 lakhs
- 2. F.B. - Rs. 1.00 lakhs
- 3. O.E.(A) - Rs. 5.00 lakhs
- 4. O.E.(B)(Purchase of 2 Gypsy) - Rs. 6.00 lakhs
- 5. M.V.purchase of 1 Jeep - Rs. 2.00 lakhs

6. O.G. (Direct + Indirect)	- Rs. 4.00 lakhs
7. M & S	- Rs. 4.00 lakhs
8. M & E	- Rs. 4.00 lakhs
9. Major Works (IWD)	- Rs. 120.00 lakhs
10. Minor Works (Deptt)	- Rs. 106.00 lakhs

TOTAL:- Rs 272.00 lakhs

B: HOSPITALS:

Under this programmes, proposed outlays is Rs.202.00 lakhs during 1991-92 for the following schemes.

B:1. Establishment of State Hospital having 500 beds:

To start this project during 1991-92, Rs.20.00 lakhs is earmarked.

B:2. Civil Hospital, Mizoram:

Provisions are made for the followings:-

- 1) For construction of De-addiction Centres Rs. 10.00 lakhs
- 2) For construction of Matron Quarters Rs. 2.00 lakhs

TOTAL:- Rs. 12.00 lakhs

The works are to be taken up by IWD.

B:3. Civil Hospital, Lunglei:

Schemes proposed to be taken up during 1991-92 are as under:

- 1) Reconstruction of the Hospital (to be completed during 8th Plan by IWD) - Rs.30.00 lakhs
- 2) Construction of Additional Staff Quarter (to be taken up departmentally) - Rs. 5.00 lakhs

TOTAL: Rs.35.00 lakhs

B:4. Saiha Hospital:

- (i) Extension of Hospital (PWD) - Rs. 5.00 lakhs
- (ii) Construction of Additional Staff Quarter (Depot) - Rs. 5.00 lakhs

TOTAL:-Rs.10.00 lakhs

B:5. Chawngote

(i) Upgradation of the Hospital to be completed within the next 2 years (PWD) - Rs. 10.00 lakhs

(ii) Construction of additional Staff Quarter (Deptt) - Rs. 2.00 lakhs

TOTAL: -Rs. 12.00 lakhs

B:6. Hlabung Hospital.

(i) Construction of Old building (PWD) - Rs. 5.00 lakhs

TOTAL: -Rs. 5.00 lakhs

B:7. Saichhip Hospital.

(i) Reconstruction of Hospital to be completed within the next 2 years - Rs. 15.00 lakhs

(ii) Construction additional staff Quarter to be taken up departmentally - Rs. 10.00 lakhs

TOTAL: -Rs. 25.00 lakhs

B:8

Other important Hospitals, which requires additional Staff Quarters, are considered to be provide with funds during 1991-92 as shown below:

1) Lawngthai - Rs. 5.00 lakhs

2) Champhai - Rs. 10.00 lakhs

3) Kolsib - Rs. 5.00 lakhs

TOTAL: - Rs. 20.00 lakhs

and the works will be taken up departmentally.

B:9. Water Supply :

To provide Water Supply better to various Hospitals, Rs. 5.00 lakhs is proposed to be made available during 1991-92.

B:10. Power & Electricity Supply :

For improvement of and providing Power & Electricity supply to Ndw buildings and Quarters not electrified, a provision of Rs. 5.00 lakhs is proposed to be made available during 1991-92.

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B.11: STAFF :

For better functioning of various Hospitals, various posts of different categories especially posts of Specialist are very much necessary to be created according to staffing patterns prescribed for the institutions on the basis of Doctor, Nurses and bed ratio. For this, it is proposed to provide Rs. 20.00 lakhs during 1991-92.

B.12 . Financial break-up of the proposed outlays under Hospital (I)

1 . Salary of Staff	- Rs. 20.00 lakhs
2 . O.E. (A)	- Rs. 5.00 lakhs
3 . O.E. (B) (Purchase of one Jeep Ambulance)	- Rs. 2.00 lakhs
4 . M & E	- Rs. 10.00 lakhs
5 . M & S	- Rs. 10.00 lakhs
6 . O.C (Diet of patients)	- Rs. 5.00 lakhs
7 . Major Works (Deptt)	- Rs. 97.00 lakhs
8 . Minor Works (Deptt)	- Rs. 52.00 lakhs

TOTAL:- Rs. 202.00 lakhs

C: Medical Education Research and Training

i) Construction of G.M and H/M Training School (IWD) - Rs. 12.00 lakhs

ii) Construction of Hostel-(M & F) (IWD) - Rs. 3.00 lakhs

TOTAL: Rs. 15.00 lakhs

D: ISM & H :

Establishment of 4(four) ISM&H Dispensaries

at Ilabung, Marpara, Vaseitlang and Tuppuibari are proposed during 8th Plan and to be implemented in 1991-92, a provision may be made available as under:

1) Construction of 4(four) Dispensaries building @ Rs. 2.00 lakhs (Deptt)	- Rs. 8.00 lakhs
2. Construction of Staff Quarter & Nos @ Rs. 0.80 lakh (Deptt)	- Rs. 6.40 lakhs
3. Salary of Staff (for creation of new posts as per Staffing pattern prescribed for the institution)	- Rs. 0.50 lakhs
4. O.E. (A)	- Rs. 0.10 lakhs
5. M & S	- Rs. 1.30 lakhs
6. M & E	- Rs. 0.20

TOTAL:- Rs. 15.50 lakhs

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E. Control of Communicable Diseases:

E.1. AIDS & Epidemic Surveillance:

(i) Purchase of One Jeep - Rs. 1.50 lakhs

E.2. T.B. Control Programmes:

(a) Establishment of 20 bedded TB Hospital at Hrangohalkawr Lunglaj :

Site for the said Hospital had been settled and it is proposed to be taken up under State plan during 1991-92 with a provision of Rs.20.00 lakhs for construction of the 20 bedded TB Hospital and the works will be taken up by the IWD .

(b) Establishment of DTC and Mini DTC:

The Schemes are to be taken up at 50:50 matching contribution with the central Government. Therefore, the following are proposed to be taken up from the shares of the state as under :

- i) Construction of DTC at Aizawl - Rs. 6.00 lakhs
- ii) Construction of Mini DTC at Saiha - Rs. 8.00 lakhs
& Lunglaj @Rs. 1.00 lakhs

TOTAL Rs. 14.00 lakhs

The works are to be taken up by IWD.

E.3. N.M.E.I.:

This programmes is also taken up at 50:50 sharing basis with the Central Government and it is proposed to provide Rs.46.00 lakhs for entertainment of posts already created in the earlier years, and also for creation of additional posts during 1991-92.

- 1) Salary - Rs. 46.00 lakhs
- 2) O/E(A) - Rs. 0.50 lakhs

TOTAL - Rs. 46.50 lakhs

E:4. Sexually Transmitted Diseases:

Rs. 1.00 lakhs is earmarked for strengthening of this programme during 1991-92.

P.T.O - - - - - 23/-

F. OTHER PROGRAMMES :

F. 1 . HEALTH DIRECTORATE :

Proposal made under this programmes is for strengthening Health Directorate and a provision of Rs.43.30 lakhs is proposed to be made available during 1991-92 for the followings:-

(1)	Salary Staff	-	Rs.2.00 lakhs.
(2)	O.E. (A)	-	Rs.1.00 lakhs.
(3)	O.E. (B) (Purchase of 2 Gypsy)	-	Rs.5.00 lakhs.
(4)	Purchase of 1 Bill	-	Rs.0.30 lakh.
(5)	Construction of Directorate Building (PWD)	-	Rs.30.00 lakhs.
(6)	Purchase of one Mini Bus (for staff)	-	Rs.5.00 lakhs.

Total : Rs.43.30 lakhs.

F.2. DISTRICT AND SUBDIVISIONAL ADMINISTRATION:

During 1991-92 it is proposed to construct 2 (two) DCM & HO's Offices at Aizawl and 4 (Four) SDM & HO's Offices at Champhai, Kolasib, Tlabung and Chawngte and it is further proposed to create 6 (six) posts of District Public Health Sisters for which a provision are made as follows :-

(1)	Construction of 2 DCM & HO's offices for Aizawl East and West @ Rs.10.00 lakhs to be completed next year (PWD)	-	Rs.20.00 lakhs.
(2)	Construction of 4 SDM & HO's Offices for Champhai, Kolasib, Tlabung and Chawngte @ Rs.5.00 lakhs (PWD)	-	Rs.20.00 lakhs.
(3)	Salary for creation of new posts	-	Rs. 1.00 lakh.

TOTAL - Rs.41.00 Lakhs.

F.3. HEALTH EDUCATION BUREAU (MEM WING):

A provision of Rs.9.00 lakhs is proposed to be made available under this programmes during 1991-92 for the followings :-

(1) Salary (Creation of new posts)	-	Rs.2.00 lakhs.
(2) O.E (A)	-	Rs.1.00 Lakh.
(3) Purchase of 1 Jeep	-	Rs.2.00 lakhs.
(4) M&E	-	Rs.2.00 lakhs.
(5) Publication/Advertisement	-	Rs.2.00 lakhs.

TOTAL Rs.9.00 lakhs.

F: 4. SCHOOL HEALTH PROGRAMMES :

For strengthening this programmes a provision may be made available as under :-

(1) Publications	-	Rs. 0.50 lakh.
(2) O.E. (A)	-	Rs. 0.50 lakh.
(3) M & E	-	Rs. 1.00 lakh.

TOTAL : Rs. 2.00 lakhs.

F.5. CONTROL OF BLINDNESS :

To improve the programmes a provision of Rs.2.00 lakhs is proposed to be provided which also include creation of additional posts as under :-

(1) Salary of staff	-	Rs. 1.00 lakh.
(2) Publication	-	Rs. 0.50 lakh.
(3) O.E (A)	-	Rs. 0.50 lakh.

TOTAL Rs. 2.00 lakhs.

F.6. NURSING COUNCIL AND PHARMACY COUNCIL :

For implementation of the Councils, a token provision of Rs.0.50 lakhs may be earmarked.

F.7. MEDICAL STORE DEPOTS :

A provision of Rs.170.50 lakhs is proposed to be made available under this programmes during 1991-92 for the followings :-

(1) Salary of staff (Creation of posts of Driver and Handyman)	-	Rs. 0.50 lakh,
(2) O.E.(B) Purchase of 2 Jeeps	-	Rs. 4.00 lakhs.
(3) M.V.(Purchase of 1 Truck)	-	Rs. 6.00 lakhs.
(4) M & E	-	Rs. 60.00 lakhs.
(5) M & S	-	Rs. 60.00 lakhs.
(6) Constn.of CMS building(PWD)	-	Rs. 35.00 lakhs.
(7) Constn.of staff Qrs(Deptt)	-	Rs. 5.00 lakhs.

TOTAL Rs. 170.50 lakhs.

F.8. DRUG CONTROL PROGRAMMES :

Priority is given to accelerate this programmes and to implement this, creation of additional posts would be necessary. Provisions are made as follows :-

1) Salary	-	Rs. 1.00 lakh.
2) O.E. (A)	-	Rs. 0.50 lakh.
3) Purchase of 1 Jeep	-	Rs. 2.00 lakhs.
		Total : Rs. 3.50 lakhs.

F.9. PREVENTION OF FOOD ADULTERATION (PFA) :

Keeping in view of the important roles and problems of food adulteration and other allied diseases, it is considered necessary to create a separate section to deal with such matters and Rs.12.70 lakhs is proposed to be made available during 1991-92 for the followings :-

1) Salary for creation of new posts	-	Rs. 0.20 lakh.
2) O.E. (A)	-	Rs. 0.50 lakh.
3) M & E	-	Rs. 1.00 lakh.
4) M & E	-	Rs. 1.00 lakh.
5. Construction of P.H. Laboratory	-	Rs. 10.00 lakhs.
		Total Rs. 12.70 lakhs.

F.10 : NUTRITION & GOITRE CONTROL PROGRAMMES :

For strengthening of this programmes, a provision of Rs.1.00 lakh may be made available for the followings :-

1) O.E. (A)	-	Rs. 0.50 lakh.
2) Publication / Advertisement	-	Rs. 0.50 lakh.

Total : Rs. 1.00 lakh.

F.11 : GRANT-IN-AID TO NON GOVERNMENT MEDICAL INSTITUTIONS :

Considering the very important roles played by the Non Government Medical Institutions in Mizoram towards providing Health Care facilities, this department always gives Grant-in-Aid to them for their further improvements many years back. During 1991- it is also proposed to make Rs.5.00 lakhs available for this purpose.

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DRAFT EIGHT FIVE YEAR PLAN 1990 - 1995
PUBLIC HEALTH ENGINEERING DEPARTMENT

I N T R O D U C T I O N :-

The approved outlay of 7th Five Year Plan 1985-90 for Water Supply and Sanitation was Rs. 3000.00 lakhs only considering year-wise allocation of funds, final allocation of 7th Five Year Plan came to be Rs. 3693.00 lakhs. Out of which Rs. 950.00 lakhs was for Urban Water Supply, Rs. 1655.00 lakhs for Rural Water Supply, Rs. 25.00 lakhs for Urban Sanitation, Rs. 15.00 lakhs for Rural Sanitation and Rs. 355.00 lakhs for Survey & Investigation and Direction and Administration. The total Expenditure during 7th Plan is Rs. 3671.29 lakhs.

In respect of Urban Water Supply, only Greater Aizawl Water Supply Scheme Phase-I could be commissioned. Greater Lunglei Water Supply Scheme has been taken up during 1989-1990 and 5% progress is achieved during 1989-1990. Balance works will have to be done during the 8th Plan. Other towns such as Serchhip, Kolasib, Kawnpui, Saiha and Lawngtlai could not be touched. Works in these towns will be taken up during the 8th Plan in addition to Greater Aizawl Water Supply Scheme Phase-II.

Almost all the villages are partially covered with drinking water supply leaving 73 villages due to non-availability of good water sources nearby the villages. It is proposed to cover these villages fully during the 8th Plan by way of augmentation.

It is also proposed to continue with sanitation programme during the 8th Plan, so as to improve the Hygienic standards of the public. It is proposed to take-up 40% of sewerage in Aizawl town and solid-waste disposal and treatment in Aizawl and Lunglei town during the 8th Plan.

Infrastructure of the Department is low in adequacy to cope-up with existing work load and required expansion could not be done during the 7th Plan. Hence, it is proposed to expand and strengthen the infrastructure of the Department during the 8th Plan to cope-up with the continuously increasing work-load.

A sum of Rs. 7000.00 lakhs under State Plan, Rs. 5920 lakhs under Externally Aided Plan is proposed during 8th Plan, the break-up of which is given below :-

Sl. No.	Name of Scheme.	(Rs. in lakhs)	
		Outlay proposed	
		State Plan	Externally Aided Plan
1.	Direction & Administration.	400.00	50.00
2.	Urban Water Supply	2720.00	2720.00
3.	Urban Sanitation	20.00	-
4.	Urban Sewerage	300.00	600.00
5.	Rural Sanitation	20.00	20.00
6.	Rural Water Supply	2500.00	2500.00
7.	Survey & Investigation	50.00	
8.	Research	30.00	30.00
9.	Training	50.00	-
10.	Building	700.00	-
11.	Motor Vehicle	60.00	-
12.	Machinery & Equipment	150.00	-
T O T A L		7000.00	5920.00

BRIEF ITEM-WISE DESCRIPTION

1. Presently, the Department is headed by Chief Engineer with two working circles and seven working divisions. Monitoring cell is headed by an Executive Engineer and Accounts Branch by Finance and Accounts Officer under the control of Chief Engineer, Lunglei Circle and Serchhip Division created recently will start functioning soon. One post of Superintending Engineer in the Monitoring Cell created recently is being filled up.

The existing infrastructure will be expanded and strengthened by strengthening the Chief Engineer's Office with one additional Chief Engineer, one Superintending Engineer(H.Q), one Deputy Director of Accounts and by opening new units of one working Circle, 5 Divisions (3 working, 1 sewerage & sanitation, 1 Mechanical). One Training institute and three nos. of laboratories will also be created for imparting training to the personnel and to improve quality of services in the sector.

This will improve functioning of the Department including water quality surveillance. A sum of Rs. 400.00 lakhs is proposed during 8th Plan and Rs. 50.00 lakhs under central Plan. During 1990-91 Rs. 10.00 lakhs is provided for creation of the post of 1(one) Additional Chief Engineer, 1(one) Superintending Engineer Headquarter, 1(one) Deputy Director of Account, 1(one) working Circle, 1(one) Working Division and 1(one) Sewerage and Sanitation Division and Rs. 10.00 lakhs under central plan for Monitoring and Investigation Units. During 1991-1992, Rs. 50.00 lakhs is proposed for Directing to Administration.

2. URBAN WATER SUPPLY :

During 7th Plan only a part of Aizawl Town could be covered by Commissioning Greater Aizawl Water Supply Scheme Phase-I. Greater Lunglai Water Supply Scheme has been taken up during 1989-90 and only 5% progress is achieved. During 8th Plan, major thrust needs to be given to Urban Water Supply. During 8th Plan, it is proposed to take up Urban Water Supply in the following towns :-

(a) AIZAWL :- Phase-I provides Water Supply to original Aizawl Town only covering population of 30,000 souls. New Government colonies at Luangmual Capital Complex, Bughtlang Jail, proposed NEHU campus at Tanhril, New Police Complex at Hualpui, Doordarshan Complex at Durtlang, Army, C.R.P.F., B.R.F.F. areas at Zemabawk and M.N.F. Colony at Naumual are yet to be covered. Town is expanding upto Tuirial in the east, South Hlimen in the South. These are also to be covered by implementation of

Greater Aizawl Water Supply Scheme Phase-II, Phase-II will cover another 80,000 souls and floating population. During 1990-91 Rs. 50.00 lakhs is provided as a part of Greater Aizawl Water Supply Scheme Phase-II. During 1991-92, Rs. 50.00 lakhs is proposed for Phase-II.

(b) LUNGLAI :- Estimate amounting to Rs. 1420.00 lakhs has been approved during the 7th Plan. About 5% progress is achieved with an expenditure of Rs. 100.00 lakhs during 1989-90 and will have to be completed during the 8th Plan. The scheme during 1990-91, Rs. 318.00 lakhs is provided for Lunglai Water Supply Scheme. During 1991-92, Rs. 500.00 lakhs is proposed for the Scheme.

(c) SAIHA :-

Saiha has been recognised ^{as town} as per 1981 census. This is covered partially under Rural Water Supply. Even by tapping all the possible sources near and around Saiha, people suffer acutely in respect of water supply during the dry season. Moreover, Saiha is expanding., Hence it is proposed to take up water supply schemes in Saiha town during the 8th Plan.

A sum of Rs. 2720.00 lakhs is proposed under State Sector and Rs. 2720.00 lakhs under externally aided component during the 8th Plan for the same.

3. URBAN SANITATION :-

It is proposed to take up construction of Low Cost Pour Flush Latrines in Lunglai, Serchhip, Kolasib and Champhai towns during the 8th Plan for upliftment of the poorer of the urban areas.

A sum of Rs. 20.00 lakhs is proposed during the 8th Plan and Rs. 10.00 lakhs is provided during 1990-91 for construction of 500 units of Low Cost Pour Flush Latrines with 50% contribution from the beneficiaries. During 1991-92, Rs. 3.50 lakhs is proposed for thi

4. URBAN SEWERAGE :-

Practically no work has been done in respect of sewerage and sewage disposal during the 7th Plan. Feasibility report in respect of Aizawl town has been prepared during the 7th Plan.

It is proposed to take up Sewerage works and solid waste disposal including treatment plant in Aizawl town. In Lunglei only solid waste disposal and treatment plant is proposed during the 8th Plan.

A sum of Rs. 400.00 lakhs is proposed under State Plan and Rs. 600.00 lakhs under Externally Aided Component during the 8th Plan.

5. RURAL SANITATION :-

Although major thrust was to be given during the 7th Plan, but achievements could not be made due to non-availability of funds even under the programme sponsored by Government of India. Moreover, the programme was originally looked after by I.A.D.. This Department took over only from 1987-1988.

It is proposed to take-up construction of VIP Latrines as per UNDP design during the 8th Plan in Rural areas to improve Hygienic standards in Rural areas

A sum of Rs. 20.00 lakhs is proposed under State Plan and Rs. 20.00 lakhs under Central Plan during the 8th Plan. During 1990-91 a sum of Rs. 10.00 lakhs is provided under State Sector for construction of 500 units of VIP Latrines.

6. RURAL WATER SUPPLY :-

There are 737 villages in Mizoram as per 1981 census. All these villages were problem villages in respect of Water Supply. During 7th Plan 480 villages were covered leaving 73 N.Category villages under State Plan and Central Assistance and almost all the villages are partially covered with the rate of water supply less than 40 lpcd except few. This is mainly because only those water sources were tapped which were within or near the villages so as to keep the estimated amount within available funds. Most of the tapped water sources have gone dry or yield has become negligible due to deforestation and change in geological

formations etc. Population is also increasing and demand is also increasing due to increase in living standards of the public.

In almost all the villages, no treatment is provided except simple chlorination.

During the 8th Plan, it is proposed to Augment Water Supply Scheme in 502 villages. Augmentation will be done by installation of Hand Pump Tube Wells, Rain Water Harvesting, Improvement of Spring Sources and piped water supply schemes wherever feasible. Works for proper treatment of water is proposed to be taken up in 575 villages so as to provide safe drinking water.

A sum of Rs. 2500.00 lakhs is proposed under State Sector and Rs. 250.00 lakhs under Central Plan during the 8th Plan including maintenance of the schemes. During 1990-91, a sum of Rs. 476.00 lakhs is provided under State Plan for coverage of 73 N. Category villages and for completion of ongoing schemes. During 1990-91, Rs. 690.00 lakhs is proposed for augmentation of water supply schemes.

7. SURVEY AND INVESTIGATION :-

Survey and Investigation of every scheme is required to be done for preparation of Plan and estimates including execution.

During 8th Plan, a sum of Rs. 50.00 lakhs is proposed under State Plan for conducting Survey and Investigation of Water Supply and sanitation schemes in towns and villages. During 1990-91, a sum of Rs. 3.00 lakhs is proposed for these works. During 1991-92, Rs. 5.00 lakhs is proposed for conducting Survey and Investigation in villages.

8. RESEARCH :-

Water borne diseases are quite common in Mizoram. Surveillance of water quality is very important. Mass awareness by Public education on health aspect of water quality is required to be created. For testing the quality of water, laboratory equipments and glass-wares are required.

During 8th Plan, it is proposed to do water quality surveillance of spring waters/stream waters in Mizoram; Procurement of Laboratory equipments and Media for mass-awareness will be required. During 8th Plan, a sum of Rs. 30.00 lakhs is proposed under State Plan

and Rs. 30.00 lakhs under Central Plan. During 1990-91, Rs. 3.00 lakhs is provided under State Plan. During 1991-92, Rs. 5.00 lakhs is proposed for this purpose.

9. TRAINING :-

Training is essential for the officers/staff of every category of the Department to further improve the working of the Department. Various training facilities are available in India and abroad. Efforts will be made to avail maximum number of opportunities of training in India and abroad. This will not only increase sphere of knowledge of officers/staff but will also update them with the latest developments/technology resulting in the improvement of the working of the department. Stipend is also required to be paid to the sponsored Engineering/Diploma students.

A sum of Rs. 50.00 lakhs is proposed during the 8th Plan for the same Rs. 6.00 lakhs is provided during 1990-91. During 1991-92, Rs. 5.00 lakhs is proposed for this purpose.

10. BUILDINGS :-

At present, the Department is having very few buildings of its own at Aizawl town as well as in the interior places. Most of the offices including Directorate office are functioning in the rented buildings. Thus, department is spending lot of money to meet hire charges on these buildings.

It is proposed to construct office buildings and staff quarters in Aizawl, Lunglei and other places in Mizoram including Store Complex and Workshop Complex during the 8th Plan. A sum of Rs.700.00 lakhs is proposed for these works. Rs. 40.00 lakhs is provided during 1990-91 and Rs. 5.00 lakhs is proposed for 1991-92.

11. MOTOR VEHICLES :-

In Water supply schemes generally material component is 75% and labour component only 25%. In some cases material component may be near 80%. Works cannot be executed unless the materials are transported to sites. Moreover, water supply works are always of Emergent nature. Department also provided water supply by truck during the driest period.

Hence, during 8th Plan it is proposed to procure Truck Pick-up Vans, Tractor etc. for transportation of materials, Motor Cycles for effective supervision and attending emergency works, Bouser for water supply and Bus for the staff so as to enable them to observe punctuality. A sum of Rs. 60.00 lakhs is proposed during 8th Plan. Rs. 8.00 lakhs is proposed for 1991-92.

12. MACHINERIES AND EQUIPMENTS :-

For implementation of the water supply schemes, sewerage schemes, different types of machineries and equipments are required like Air Compressor, Weighing Machines, Bulldozer, Generator, Concrete Mixture, Welding Machines, Pulling and Lifting Machines etc. Drilling Rig is also proposed as the department proposed to take up drilling works at large scale as the recent drilling has shown good results. Wireless sets are also proposed for quick communication of day-to-day information so as to improve management information system.

A sum of Rs. 150.00 lakhs is proposed for the same during the 8th Plan and Rs. 5.00 lakhs is provided during 1990-91.

A sum of Rs. 5.00 lakhs is proposed for 1991-92.

SEVENTH FIVE-YEAR PLAN 1990-95 AND ANNUAL PLAN 1990-91

SUBJECT : HOUSING (LAD)

Integrated subsidised housing for industrial workers etc.
Scheme in progress.

Housing loans : During the 7th Plan, Housing Loans have been provided mostly in the Non-Plan side, and the provisions from the Plan side were very little. The position can be seen in the table below :-

(In lakhs of Rupees)

		Plan	Non-Plan	Total
(a)	LIGH	10.00	280.11	290.11
(b)	MIGH	21.00	861.60	882.60
(c)	EWS	28.00	20.00	48.00

Assuming that Housing Loans are to be provided from the plan side during the 8th Five-Year Plan, a proposal is made to provide Rs. 3550.00 lakhs as shown below. On the recommendation of the Working Group of Mizoram State Planning Board, a rate of loan is proposed to be increased from Rs. 23,500/- to Rs. 40,000/- in case of LIGH, and from Rs. 40,000/- to Rs. 70,000/- in case of MIGH. This is due to the higher prices of building materials in comparison with those prevailing in the neighbouring states. For example, one brick in Aizawl costs Rs. 2.50 as against Rs. 0.90 in Silchar and Rs. 1.00 in Gauhati. A bundle of C.I Sheet which costs Rs. 1350/- in Gauhati costs Rs. 1500/- in Aizawl and so on.

Detailed schemes are -

LIGH	Rs. 928.80 lakhs for 2322 households @Rs. 40,000/-
MIGH	Rs. 1341.20 lakhs for 1366 household @Rs. 70,000/-
EWS	Rs. 50.00 lakhs for 1000 households @Rs. 5,000/-
TOTAL :	Rs. 2320.00 lakhs for 4688 households.

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XI(G)

YEAR-WISE BREAK-UPS

L I G H

1990-91	Rs 28.80 lakhs for 72 households
1991-92	Rs 180.00 lakhs for 450 households
1992-93	Rs 200.00 lakhs for 500 households
1993-94	Rs 240.00 lakhs for 600 households
1994-95	Rs 280.00 lakhs for 700 households
TOTAL :	Rs 928 lakhs for 2322 households

M I G H

1990-91	Rs 81.20 lakhs for 116 houses
1991-92	Rs 210.00 lakhs for 300 houses
1992-93	Rs 280.00 lakhs for 400 houses
1993-94	Rs 350.00 lakhs for 500 houses
1994-95	Rs 420.00 lakhs for 600 houses
TOTAL :	Rs 1341.20 lakhs for 1916 houses

E W S

Rs 10.00 lakhs for 200 houses every year.

3. Slum Clearance and rehousing Scheme : No Scheme is proposed.

4. Land Acquisition & Development : With rapid expansion of the towns and sub-towns as a result of mass migration from villages, it is necessary to develop lands for human settlement. The programme for the land development is mainly to make house site plans, roads, steps, schools, worshipping places and other public places. The content of the land action will be very little in comparison with the land development. During the 7th Plan period, Rs 25.00 lakhs has been spent and 50 hectares of land more or less developed. The turn of needs both in terms of fund and areas becomes very urgent for the 8th Plan period because it becomes very urgent to develop the sub-towns to attract persons to settle into the sub-towns, with a view to checking mass migration to Alzar Town and Lunglai Town. It is, therefore, proposed to utilize Rs 150.00 lakhs with a physical target of developing 300 hectares of land, mostly in the sub-towns. The proposed year-wise break-ups are -

1990-91	Rs. 5.00 lakhs for 10 ha
1991-92	Rs. 28.00 lakhs for 56 ha
1992-93	Rs. 30.00 lakhs for 60 ha
1993-94	Rs. 32.00 lakhs for 64 ha
1994-95	Rs. 34.00 lakhs for 66 ha
TOTAL :	Rs.129.00 lakhs for 258 ha

5. Village Housing Project - Resettlement of Villages : Many villages in the rural areas are small, consisting of 30 houses or even less, and are located at scattered places. The fact that there are more than 700 villages in Mizoram can be a clear proof of this. While all villages, big or small, are in need of basic facilities like schools, water supply, electricity, playgrounds, community halls etc. it is not possible for the Government to meet the demand of each and every villages. In order that development facilities are extended to all the villages alike, the first and foremost step shall be to resettle our villages. The resettlement programme mostly consists of grouping of a number of small villages into a bigger village at a more suitable place where developmental facilities can be provided to them. During the 7th Plan period, 16 small villages mostly in the Western belt of Mizoram and some of them in Chhimeizui District were grouped together in different 6 (six) villages. As the start, the grouped villages were reluctant to leave their original villages, and persuasive words and sometimes harsh words were our means of convincing them. It was fortunate that no force was needed. After they were grouped together and small developmental facilities expanded to their new settlements, the villagers become happier and they started to have a view of permanent settlement. For example, at Dampa Bengpul at the time of resettlement in 1985 there were just 110 families. But now there are 215 households. Seeing the success of resettlement during the 7th Plan period, the 8th Plan proposal is made to take up more villages with larger outlay of fund, i.e. 87 villages within Rs. 87 lakhs

The resettlement works will be mainly of preparing the village sites for human settlement, construc-

internal footpaths and steps, provision of drinking water from the natural sources till such time as permanent water supply Scheme are taken up by P.H.E. and nominal grant to the shifted families for voluntary shifting @ Rs 1,000/-

YEAR-WISE BREAKS-UPS

	(In lakhs of Rupees)				
	1990-91	1991-92	1992-92	1993-94	1994-95
Resettlement Works	7.00	15.00	15.00	15.00	15.00
Nominal Grant	--	5.00	5.00	5.00	5.00
TOTAL :	7.00	20.00	20.00	20.00	20.00

c. Provisions of House-Sites-Construction Assistance :

(a) House-Sites: In Mizoram, house sites are mainly provided to the rural poor free of costs, and no expenditure was incurred during the 7th Plan period for providing house-sites to the rural poor. For the 8th Plan it is considered necessary to develop lands for human settlement in the rural areas also. In very few cases, a need of acquiring land will also be necessary. For this purpose a scheme is projected to provide 10000 rural poor with house-sites, at a nominal rate of Rs 1,000/- per house-sites. This nominal rate will not be released in cash to the rural poor, but shall be utilised for acquiring land where necessary and mainly for developing lands for human settlement for the common benefits of the rural poor.

YEAR-WISE BREAK-UPS

1990-91	Rs 5.00 lakhs for 500 house sites
1991-92	Rs 18.00 lakhs for 1800 house sites
1992-93	Rs 20.00 lakhs for 2000 house sites
1993-94	Rs 22.00 lakhs for 2200 house sites
1994-95	Rs 24.00 lakhs for 2400 house sites
TOTAL :	Rs 89.00 lakhs for 8900 house sites

(b) Construction Assistance : During the 7th Plan period, rehabilitation scheme which was identified as IYSH, was the only construction assistance provided to the rural poor. Under that identified IYSH Scheme, 13,00 rural households were provided with GCI Sheets @ 3 bundles for one households. For the 8th Plan period, it is proposed to release

construction assistance to the rural poor in cash, within the limit fixed by the Government of India i.e. Rs. 2500/- for per households. The Scheme is to assist 8500 rural poor families @ Rs. 2500/- within an outlay of Rs. 212.50 lakhs as follows : -

1990-91	Rs. 12.50 lakhs for 500 rural poor families
1991-92	Rs. 40.00 lakhs for 1600 rural poor families
1992-93	Rs. 42.50 lakhs for 1700 rural poor families
1993-94	Rs. 45.00 lakhs for 1800 rural poor families
1994-95	Rs. 47.50 lakhs for 1900 rural poor families
TOTAL :	Rs.187.50 lakhs for 7500 rural poor families

7. Direction & Administration : Elsewhere in the Country, there are Directorate of Municipalities, Directorate of Panchayats, Directorate of Housing and Directorate of Town & Country Planning, but in Mizoram all these functionaries are taken together under one Directorate called the Directorate of Local Administration. While there is every justification to establish separate Directorate for each and every functionary, yet a proposal is made to establish only a Directorate of Housing during the 8th Plan period.

The requirement of fund for the proposal Directorate is calculated to be Rs. 38.52 lakhs, with year-wise break-ups as follows :

1990-91	Rs. 7.00 lakhs
1991-92	Rs. 7.30 lakhs
1992-93	Rs. 7.70 lakhs
1993-94	Rs. 8.10 lakhs
1994-95	Rs. 8.42 lakhs
TOTAL:	Rs. 38.52 lakhs

DRAFT 8TH FIVE YEAR PLAN 1990 - 1995
AND ANNUAL PLAN - 1991 - 92

During the 7th Five Year Plan a sum of Rs.475.75 lakhs was allotted with a target of constructing 525 Qtrs. and we have constructed 442 nos. of Qtrs as follows :-

1) Type V	Qtrs	-	2 nos.
2) Type-IV	Qtrs	-	4 nos.
3) Type-III	Qtrs	-	54 nos.
4) Type-II	Qtrs	-	117 nos.
5) Type-I	Qtrs	-	265 nos.
6) Construction of approach road to Mualpui 2.4KM.			

The reason for failure to achieve the physical target are :-

- 1) Increase in cost of materials
- 2) Construction of Multi-storied building cost per unit of which is higher.
- 3) Construction of approach road to Mualpui.

The level of satisfaction at the end of the 7th Five Year Plan is 18.26%.

Mizoram is lagging far behind the All India level and the force is gradually increasing. Mizoram Police personnel are also aware of the poor satisfaction level of housing in Mizoram as compared to the other States and this causes considerable resentment. Hence, it is necessary to accelerate the rate of increase of housing. However, keeping in view, the paucity of funds we have only got the target of 40% at the end of the 8th Five Year Plan taking into consideration the increase in the strength of Mizoram Police with the setting up by the 3rd Bn MAP in the very near future. This will require construction of 1600 units of housing during the 8th Five Year Plan. The working group has recommended an outlay of Rs1880 lakhs keeping in view of the target 40% level satisfaction.

At the same time, the State Planning Board recommended Rs700 lakhs only during the 8th Five Year Plan 1990-1995. To meet the above proposal it is necessary to reduce the 1600 nos of Qtrs. to be constructed. For which proposals is made as under :-

<u>Nos. & Type of quarters propo- sed to be cons- tructed</u>	<u>Physical Target for 8th Plan</u>	<u>Physical Target for Annual Plan 1991 - 92</u>
Type-I Qtrs.	309 nos.	73 nos.
Type-II Qtrs.	192 nos.	44 nos.
Type-III Qtrs.	76 nos.	15 nos.
Type-IV Qtrs.	6 nos.	1 nos.
Type-V Qtrs.	6 nos.	1 nos.
<u>Total</u>	<u>589 Nos</u>	<u>134 Nos.</u>

The proposed outlay for 8th Plan is Rs700.00 lakhs out of which Rs120.00 lakhs was proposed for Annual Plan 1991 - 92.

DRAFT EIGHTH FIVE YEAR PLAN 1990-1995.
SOCIAL INFRASTRUCTURE SERVICES
GOVERNMENT HOUSING.

INTRODUCTION:

The number of Government residential quarters for Govt. employees in Mizoram is far below satisfactory level. This is mainly on attainment of Union Territory in 1972 and then Statehood in 1987. Further, the existing three Administrative Districts are proposed to be re-organised into five districts and even for Ministers and Senior Officers shortage of quarters exist which needs special attention. During 8th Five Year Plan Rs. 575.00 lakhs is proposed.

REVIEW OF THE SEVENTH FIVE YEAR PLAN:

During 7th Five Year Plan the approved outlay was Rs. 300.00 lakhs and the expenditure was Rs. 285.00 lakhs. Under Direction and Administration only one Electrical Sub-Division was approved during 1988-89 but could not be created due to shortage of fund.

The prominent works taken up during 7th Five Year Plan were seven Units of Senior Officers quarters, 220 Nos. Govt. residential quarters and Single Officers Hostels and mess at Aizawl. Out of these only four units of senior Officers quarters were completed. The remaining works are spilled over to 8th Five Year Plan.

APPROACH OF EIGHTH FIVE YEAR PLAN:

The 8th Five Year Plan is made very compact compared to 7th Five Year Plan. All the Government residential quarters to be completed together type-wise and district wise keeping in mind the proposed trifurcation of Aizawl District. These quarters are for the general public, PWD Staff, D.O. Staff, SDO Civil all allocated at various places in Mizoram.

The spilled over scheme of Senior Officers quarters 3 Nos and Single Officers Hostels and mess both at Aizawl will be completed during the first two years of 8th Five Year Plan.

During 8th Five Year Plan 262 Nos. of Government residential quarters are proposed to be constructed. With these the total Nos. of Government quarters will be 2017 Nos. But the position of shortage of quarters will remain that one unit residential

Under Direction and Administration: It is proposed to create a new division with four sub-divisions including one Electrical Sub-division which was approved during 7th Five Year Plan.

During 8th Five Year Plan, Building Wings and Road Wings are proposed to be bifurcated and the necessary new posts due to bifurcation of building Wings are proposed under various heads, notably Lawl Capital Expansion Project, Public Works and also under Government business as shown in proceeding pages.

Rs. 30.00 lakhs is provided under Direction and Administration for the above purpose during the 8th Five Year Plan.

PURCHASE OF MOTORVEHICLES AND EQUIPMENTS:

Under this scheme it is proposed to purchase 3 Nos. trucks which will be used as mobile laboratory and in another one which will be installed for loading and unloading of heavy machines and machinery etc. Rs. 15.00 lakhs is provided during 8th Five Year Plan.

NON-TECHNICAL WORKS:

The following works are proposed to be included in the 8th Five Year Plan.

1. Single Officers hostel and Mess; In 7th Five Year Plan against Annual Plan 1987-88 this work was proposed and approved. The work is nearing its completion and will be completed during 1991-92. Rs. 15.00 lakhs is kept during 8th Five Year Plan for completion of the scheme.

2. Construction of residential quarters at various places:

In the 7th Five Year Plan, these items of work were splitted up in various sub items which include building for general pool, A.O quarter, BOC(C) quarter and FWO Staff quarters at various places in Mizoram. But during 8th Five Year Plan these are clubbed together and 15 Nos. Type-V 28 Nos. Type-IV, 51 Nos. Type-III 80 Nos. Type-II and 38 Nos. Type-I will be taken up and completed. Rs. 414.00 lakhs is provided for this purpose during 8th Five Year Plan.

3. Construction of Senior Officers Bungalow at Aizawl;

This work was started in 1988-89. These are special Type-V quarters to be occupied by VIF etc. There are seven units out of which 4 units are completed during the 7th Five Year Plan. Rs. 50.00 lakhs will be spilled over to 8th Five Year Plan for completion of the remaining three units.

XI (J)

DRAFT EIGHT FIVE - YEAR PLAN 1990-91
AND ANNUAL PLAN 1990-91

Subj: URBAN DEVELOPMENT (Excluding State Capital Project)

1. Financial Assistance to Local Bodies

(1) Renumerative Schemes :

(a) Shops & Market Centres : During the 7th Plan period 50 Nos. of Shopping Centres were constructed at various centres within an outlay of Rs. 10.00 lakhs. With the rapid expansion of the towns in Mizoram, it becomes necessary to open shopping centres at different wards in the towns, and a proposal is drawn up to construct 26 Shopping Centres costing Rs.1.00 lakh each. The outlay approved for 1990-91 is Rs.4.00 lakhs for four centres. The scheme for the coming four years is to construct 22 more centres, five each in the first three years from 1991-92 to 1993-94, and seven centres in 1994-95.

(b) Septic Tank Loan : This is an important scheme for implementation the nation-wide drive to abolish dry latrines from Urban Areas, During the 7th period the District Headquarters viz. Aizawl town, Lunglei Town and Saiha Town were covered by the scheme and 940 households were given loans @ Rs. 5,000/- and the total expenditure was Rs. 47 lakhs. For the 8th Plan, it is proposed to extend the scheme to sub-divisional headquarters and to take up 700 households @ Rs. 10,000/- within an outlay of Rs. 70.00 lakhs. The proposed increase in the limit of loan is due to the fact that the P.W.D. Schedule of rates have been revised according to the rise in prices of all materials, and one Septic Tank is estimated to cost Rs. 10,000/-

Year - wise breaks - up

1990-91	Rs. 10.00 lakhs for 100 households
1991-92	Rs. 12.00 lakhs for 120 households
1992-93	Rs. 14.00 lakhs for 140 households
1993-94	Rs. 16.00 lakhs for 160 households
1994-95	Rs. 18.00 lakhs for 180 households
TOTAL :	Rs. 70.00 lakhs for 700 households

(2) Non Renumerative Schemes :

(a) Construction of Minor Roads : The Scheme is to build up initial link road to connect new residential areas in the

expended portions of the towns with nearest public roads so that the new settlers can start construction of houses, during the 7th Plan period, Rs 34.00 lakhs was spent for construction of 30 Km of Minor Roads in various places in the towns. The 8th Plan proposal is to construct 100 Km of Minor Roads within an outlay of Rs 50.00 lakhs, with year-wise details as follows :-

1990-91	Rs	5.00 lakhs for 10 Km
1991-92	Rs	8.00 lakhs for 16 Km
1992-93	Rs	10.00 lakhs for 20 Km
1993-94	Rs	12.00 lakhs for 24 Km
1994-95	Rs	15.00 lakhs for 30 Km
<u>TOTAL</u>		<u>Rs 50.00 lakhs for 100 Km.</u>

b) Beginner's Swimming Pool : During the 7th Plan period, one Beginner's Swimming Pool was constructed at Lewibual. Besides the Pool, the scheme was to develop the whole site as a Public Recreational place and a Master Plan costing Rs 64 lakhs was drawn up. During the 7th Plan Rs 21.00 lakhs was spent for construction of Roads, Beginner's Swimming Pool, Fencing, Water storage tank, etc. The remaining works are construction of bridge, cabin, brick-benches on the slopes, bath-rooms, diversion proposed for the 8th Plan for completion of the project according to the Master Plan, with year-wise details as under :-

1990-91	Rs	5.00 lakhs
1991-92	Rs	10.00 lakhs
1992-93	Rs	12.00 lakhs
1993-94	Rs	12.00 lakhs
1994-95	Rs	6.00 lakhs
<u>TOTAL</u>		<u>Rs 45.00 lakhs</u>

c) Improvement of Pu Zetana Spct :-

One of the most beautiful natural scences, with its stream following on rocky slopes and making water falls, vast rocky flats on both sides of the stream, beautiful trees and typical shrubs and bushes on the bank etc. lies near Buichali Bridge at a little distance from Lengpui Road.

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Named after the scenery lover who first prepared the location for a recreational place, the place is popularly known as 'Pu Zothana Picnic Spot'. In a crowded and busy town like Aizawl, a recreational place located out of the busy town is a must. Local Administration Department has been looking for such a beautiful place where sufficient water is available all through the seasons and the said spot is considered most feasible for a recreational place.

A scheme is therefore projected for the 8th Five Year Plan to fully develop the location as a Picnic Spot. The Schemes include following items :-

1)	Cost of the Land	Rs. 15.00 lakhs
2)	Constn. of Cabin	Rs. 5.00 lakhs
3)	Constn. of R.C.C. Bridge	Rs. 5.00 lakhs
4)	Constn. of steps 300 m for approach from the main road,	Rs. 3.00 lakhs
5)	Cement mortared brick benches amidst the trees - 20 Nos.	Rs. 1.00 lakh
6)	Trees-Planting and flower-spreads	Rs. 1.00 lakh
7)	Maintenance	Rs. 1.00 lakh
TOTAL :		Rs. 28.00 lakhs

Notes : - Care shall be taken not to destroy the natural beauties, so more developmental works will not be desirable.

Year - Wise break - ups

1990-91	NIL
1991-92	Rs.22.60 lakhs for cost of the land and for constn. of RCC bridge and other developmental works
1992-93	Rs. 5.00 lakhs for constn. of Cabin
1993-94	Rs. 0.50 lakh for maintenance
1994-95	Rs. 0.50 lakh for maintenance
TOTAL :	Rs.28.60 lakhs

(d) BEAUTIFICATION SCHEMES

No major Scheme of beautification of Aizawl Town, the Capital town of Mizoram, has so far been taken up. The Scheme during the 8th Plan period proposed for the beautification of Aizawl Town consists of three Major Works as shown below. The proposed works have been surveyed and detailed estimates

prepared according to the existing P.W.D. Schedule of rates. Once fund is allocated, actual construction can begin forthwith-

i) Construction of Cantiliver Foot-Path :-

The R.C.C. Cantiliver path between Chaitlang and Chandmayr constructed in the year 1989-90 at the cost of Rs 15.77 lakhs formed significantly a major development of Aizawl Town. Scheme has been drawn up to construct another RCC Cantiliver path along Bawngkawn-Durtlang Road in 1990-91. While the project is to cost Rs 39.91 lakhs according to the detailed estimates prepared by P.W.D. yet the Annual Plan provision is Rs 14.00 lakhs only. So, the 8th Plan proposal is drawn up afresh for completion of the said project as well as for construction of tow more cantilivers as shown below. The RCC Cantiliver-Path will be highly useful to the pedestrians and shall also serve as guard walls for the vehicles. The project and the year-wise requirement are :-

	1990-91	1991-92	1992-93	1993-93	1994-
A. Bawngkawn-Durtlang	14.00	25.91	-	-	-
B. Bawngkawn-Zomabawk	-	15.00	14.75	5.00	
C. Kulikawn - Melthum	-	-	15.00	18.00	6.00
TOTAL ;	14.00	40.91	29.75	23.00	6.00

ii) Installation of Sodium Light (LPSV Luminaires) in Aizawl :-

The Scheme is to replace the existing Street Light bulbs and florescent bulbs are invariably out of order and long lasting, requiring frequent repairs or replacoment at short intervals. Installation of LPSV Luminaires is very imperative and will be more economical in the long run. The Sodium Light system is complete with single point control and can be taken up with underground cabling system. In the year 1989-90 20 Points have been installed in Aizawl Town on experimental basis, and it has been proved that they are more reliable than bulbs florescent tubes. Within a small outlay of Rs 14.00 lakhs in 1990-91, 100 points are being installed in Aizawl Town, and another 1125 points are proposed to be installed in different streets of Aizawl Town as shown below. The Power & Electricity Department have-

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estimated that one point of LPSV Luminaires costs Rs.15,367.47 say, 15400/- and it is in this calculation that the requirements are worked out.

A. Main town road between Kulikawn and Zomabawk (6 km)	-	Rs. 27.72 lakhs for 180 points
B. Town road between Sikulpui kawn-Bawngkawn-Khatla-Vaivakawn-Luangmual (6km)	-	Rs. 27.72 lakhs for 180 points
B. Republic road-College road-Bethlehem-Electric veng (5 km)	-	Rs. 23.10 lakhs for 150 points
D. Chandmary-Bawngkawn road via Ramhlun (2 1/2 km)	-	Rs. 11.55 lakhs for 75 points
E. Bazar Bungkawn-Vaivakawn-Lower Chandmary-Electric veng-Zion Street (3 km)	-	Rs. 13.86 lakhs for 90 points
F. Bazar Bungkawn-Chite Road (3 km)	-	Rs. 13.86 lakhs for 90 points
G. Bawngkawn-Lower Ramhlun-Electric Road(3 km)	-	Rs. 13.86 lakhs for 90 points
H. Vaivakawn-Luangmual road (4 km)	-	Rs. 18.48 lakhs for 120 points
I. Other Town road(5km approach)	-	Rs. 23.10 lakhs for 150 points
		<hr/>
		Rs.173.25 lakhs for1125 points
	(+)	Rs. 14.00 lakhs for1990-91
		<hr/>
		Rs.187.25 " " 1225 "
		<hr/>

Year - Wise Breaks-up

1990-91	Rs. 14.00 lakhs for 100 points
1991-92	Rs. 43.12 lakhs for 280 points
1992-93	Rs. 43.12 lakhs for 280 points
1993-94	Rs. 43.12 lakhs for 280 points
1994-95	Rs. 43.89 lakhs for 285 points
TOTAL :	Rs.187.25 lakhs for1225 points

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iii) Installation of High Mast Lighting System at important Public Points :-

The Department of Power & Electricity have installed 3 (three) High Mast Lighting points in Aizawl Town. It is proposed to install another 12 (twelve) points at important public places viz, Kulikawn, Sikulputkawn, Tuikhuahtlang, Dawrpui Bungkawn, Zarkawt, Macdonald Hill, Bhatla, Chaltlang, Nisarihtlang, Zotlang, Durtlang Hospital Complex and Chaltlang Dawrkawn playground. One High Mast Lighting point is estimated to cost Rs 5,75,000/- so the requirement of fund with year-wise break-up is as follows :-

1990-91	NIL
1991-92	Rs 17.25 lakhs for 3 (three) points
1992-93	Rs 17.25 lakhs for 3 (three) points
1993-94	Rs 17.25 lakhs for 3 (three) points
1994-95	Rs 17.25 lakhs for 3 (three) points
<u>TOTAL :</u>	<u>Rs 69.00 lakhs for 12 points</u>

iv) Construction of Fly-Overs for Pedestrians in Aizawl :-

Roads in Aizawl are narrow and vehicular traffic is heavy. At certain important junctions, traffic jams have been almost as unavoidable daily phenomenon and the risk of crossing roads by pedestrians become very high. It therefore becomes imperative to construct fly-over bridge pedestrians safety cross of the roads as well as for control of traffic. The structure, height and span of the fly-overs will differ from one another according to the locations. However, they will be mostly iron and steel works with timber floors. One fly-over is roughly estimated to cost Rs 2.25 lakhs and the requirement of fund with year-wise allocation will be :-

1990-91	NIL
1991-92	Rs 4.50 for 2 fly-overs
1992-93	Rs 6.75 for 3 fly-overs
1993-94	Rs 4.50 for 2 fly-overs
1994-95	NIL

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2. Town & Regional Planning : SEPERATE PLAN is prepared by the Town Planning Wing.

3. Environmental Improvement of Urban Slums :

Although any part or portion of the towns in Mizoram has not been identified or partly identified as slum area, yet the lower portions of the towns are obviously in the conditions of slum. During the 7th Plan period just Rs.15.00 lakhs was spend towards the improvement of Urban Slums and the annual provisions were utilised for construction of foot-paths, foot-bridges, Urinals, water-points at natural sources etc. In view of so many problems the 7th Plan outlay was very very meagre. So in the 8th Plan, Rs.100 lakhs is proposed for similar items of works, with year-wise breaks-ups as follows :-

1990-91	Rs. 5.00 lakhs for 25 items of works
1991-92	Rs. 20.00 lakhs for 100 items of works
1992-93	Rs. 25.00 lakhs for 120 items of works
1993-94	Rs. 25.00 lakhs for 120 items of works
1994-95	Rs. 25.00 lakhs for 120 items of works
<u>TOTAL :</u>	<u>Rs.100.00 lakhs for 500 items of works</u>

4. OTHERS :

(1) Construction of steps : Plain people often do not understand how important steps are to the hill people. A simple example may be staircases in multi-storied building without a lift. Towns in Mizoram are situated on spurs of hills which steep down to the gorges or streams below/between the spurs. Roads and residential lines go on the spurs in horizontal rows, one row lower in altitude by 60-100ft. average than the upper row. The only vertical links between the adjacent rows are "Steps" just like staircases in multi-stories buildings. Due to the steep and irregular topography, each and every spur in the towns requires a number of steps. In Aizawl town alone, a special survey records that more than 2,00,000 running metres of link steps are requires. During the 6th Plan just Rs.18.90 lakhs was spent for construction of steps of 19,000 m. During the 7th Plan Rs. 64.75 lakhs was spent and the physical

revised F.W.D. Schedule of rates, 1 rm of Stone Masonry Steps of 1.80m costs Rs 650/- According to this calculations for the steps with year wise details as follows :-

1990-91	Rs 27.50 lakhs for 4200 rm.
1991-92	Rs 40.30 lakhs for 6200 rm.
1992-93	Rs 42.25 lakhs for 6500 rm.
1993-94	Rs 45.50 lakhs for 7000 rm.
1994-95	Rs 48.75 lakhs for 7500 rm.
<u>TOTAL</u>	<u>Rs 204.30 lakhs for 31,400 rm.</u>

2) Sanitation :- For the 7th Plan a separate Sanitation Plan was proposed but was turned down. A small provision was added to the outlay under Urban Development and just Rs 21.00 lakhs was spent mainly for construction of Public Urinals and garbage dumping grounds. For the 8th Plan Rs 32.00 lakhs is proposed for the same nature of works, with year-wise details as under :-

1990-91	Rs 3.00 lakhs for 30 items of works
1991-92	Rs 5.00 lakhs for 60 items of works
1992-93	Rs 8.00 lakhs for 80 items of works
1993-94	Rs 10.00 lakhs for 100 items of works
1994-95	Rs 12.00 lakhs for 120 items of works
<u>TOTAL</u>	<u>Rs 39.00 lakhs for 390 items of works</u>

3) Directorate Building :- Elsewhere in the Country, there are Directorate of Panchayat, Directorate of Municipalities, Directorate of Housing and Urban Development, and Directorate of Town and Country Planning. In Mizoram, however, all these functionaries are taken together under one Directorate called the Directorate of Local Administration still no Directorate building has so far been constructed and the Directorate has been run in rented building. All through the 7th Plan period the Planning Commission informed us that all Office Buildings in Aizawl Town should be projected under the State Capital Project, and for that reason the proposal for construction of L.A.D. Directorate building was turned down. The 7th Plan outlay of Rs 23.88 lakhs for building was utilised for construction of Office building, at Lunghli, Champhai and Kolasib and some residential buildings, all outside Aizawl Town. For the 8th Plan...

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Plan, Direct rate building is proposed afresh for an expenditure of Rs. 67.61 Lakhs. Plinth area-based estimate is as follows :-

(a)	Ground Floor (RCC)	- 1x33.00x12.00 =396.00m ²
(b)	Ground Floor (RCC)	- 1x18.00x6.00 =108.00m ²
(c)	Ground Floor (RCC) Basement-I	1x33.00x12.00=396.00m ²
		900.00m ²

@ Rs. 2400.00 per m² - Rs. 21.6000

(d)	First Floor (RCC)	- 1x33.00x12.00= 396.00m ²
(e)	Second Floor (RCC)	- 1x33.00x12.00= 396.00m ²
(f)	Third Floor (RCC)	- 1x33.00x12.00= 396.00m ²
		1188.00m ²

@ Rs. 2200.00 - Rs.26.136

Total : 47.736 Lakhs,

Add 5% for site development & Approach road (+) Rs. 2.386

Add 7.5% for Sanitary & Water Supply (+) Rs. 3.580

Add 7.5% for Electrification (+) Rs. 3.580

Total: Rs.57.282

Add 11.75% Agency charge (+) Rs. 5.608

Add 3% for contingency (+) Rs. 1.718

Add for fencing of Department's area L.S. (+) Rs. 3.000

Grand Total: Rs.67.608

Say, Rs.67.61 Lakhs

(Rupees sixty seven lakhs sixty one thousand) Only.

(4) Construction of Slaughter Houses :

The A.H. & Vety Department is understood to project a Plan Scheme for construction of one big scientifically-designed building for a Slaughter House at Aizawl. Though the Local Administration Department highly welcome and appreciate the project, yet one obvious thing is that a scientific building at one place cannot meet the needs of the town. Our immediate need is to have a number of slaughter houses of ordinary kind, to be constructed at various corners of the town. In the absence of any such

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house in Aizawl, the butchers use to kill animals at their own premises and the spoils and sinks cause very bad smell and put the whole town in insanitary condition. A survey records is that in Aizawl Town alone, every day meat consumption is 30 to 40 Oxen, 80 to 120 pigs, 50 to 70 Goats etc. The need for having ordinary Slaughter House in addition to the scientific house, is really genuine and important. So an 8th Plan Scheme is hereby projected for construction of 20 Nos. of Slaughter Houses. A detailed estimate for one house of ordinary kind, prepared by the Executive Engineer, P.W.D., Aizawl Building Division is Rs 1,06,197 so the total requirement comes to Rs 21,23,940 say Rs 21.24 lakhs. The year-wise break-up will be :-

1990-91	Rs	3.18 lakhs for 3 houses
1991-92	Rs	4.24 lakhs for 4 houses
1992-93	Rs	4.24 lakhs for 4 houses
1993-94	Rs	4.24 lakhs for 4 houses
1994-95	Rs	5.24 lakhs for 5 houses
TOTAL	Rs	21.24 lakhs for 20 houses

5) Direction & Administration :-

The Sanitation Wing dealing with general Sanitation of the town needs strengthening both at the Direction and at the Administration. The requirement of fund for the purpose for the 8th Plan period is worked out to be Rs 61.50 lakhs with year-wise break-up as follows :-

1990-91	Rs	9.50 lakhs
1991-92	Rs	10.00 lakhs
1992-93	Rs	12.00 lakhs
1993-94	Rs	14.00 lakhs
1994-95	Rs	16.00 lakhs
TOTAL	Rs	61.50 lakhs

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The Sanitation Wing increased its activities and opened one branch each at Kolasib and Champhai and therefore needs atleast one ASO each in this new station in the scale of pay of Rs 2000-3500/-p.m.

In addition to above it is necessary to clear one post of Deputy Director to look-after Town Sanitation i. . Carbage Problems, Drainage Problems, Public Cemeteries, Problems caused by Vehicle Workshops, Factories and maintenance of Cleanliness in all eating houses like Hotels, Restaurants, Tea Stall, etc, etc....

TOWN AND COUNTRY PLANNING : MIZORAM
DRAFT 8 TH FIVE YEAR PLAN (1990-95)

SUBJECT : (i) SMALL & MEDIUM TOWNS DEVELOPMENT,
(ii) SLUM AREA IMPROVEMENT AND
(iii) OTHER URBAN DEVELOPMENT SCHEMES.

INTRODUCTION

A. The Town & Country Planning in Mizoram started functioning and prepares Five year Plan right from 7th Five Year plan (1985-90) period only.

During the 7th Five year Plan (1985-90) period a token provision allotted under the Town and Country Planning was Rs 63.15 lakhs only. But by the end of 7th plan period the allocation of fund was exceeded by Rs 37.10 lakhs. Yearwise allotment of fund for 7th Plan is tabulated below :-

1st Year 1985-86	-	Rs 10.00 lakhs
2nd Year 1986-87	-	Rs 10.00 lakhs
3rd Year 1987-88	-	Rs 13.25 lakhs
4th Year 1988-89	-	Rs 17.00 lakhs
5th Year 1989-90	-	Rs 50.00 lakhs
<u>TOTAL FOR 5 YRS.</u>		<u>Rs 100.25 lakhs</u>

The salients proposed schemes implemented during 7th Plan (1985-90) period by the short live Town & Country Planning may be mentioned below :-

(1) DEVELOPMENT OF SMALL & MEDIUM TOWNS : One Town (i.e Lunglei) Action Plan has been prepared and approved by the State Government but only a small portion has been completed due to some reason the Govt. has diverted fund to the Rural Development Department. Hence, it has to be treated as " Critical on going schemes " for which Rs 14.30 lakhs was approved during current financial year of 1990-91.

(ii) FOUR TOWNSHIPS STRUCTURE DEVELOPMENT PLAN : As Structure Development Plan preparation is one of the most important tools for environmental protection and preservation, the following townships viz:- Aizawl (State Capital), Lunglei (District Headquarter), and other two Growth Centres (i.e) Hnahthial and Thenzawl Towns Structure Development Plan preparation has been taken up, but it could not be completed. Hence it has to be treated as " Critical on going scheme" for which Rs 11.10 lakhs was allotted during current financial year of 1990-91.

(iii) FOUR CENTRES STRUCTURE DEVELOPMENT PLAN : To protect and preserves environment condition four Growth Centres (i.e) Bilkhawthlir, Bairabi, Champhai and Khawzawl Towns Structure Development Plan preparation and some of the important schemes has been completed . It is enforce to guide physical and economic development systematically . Many people has been benefitted from the executed schemes.

(iv) TWO RESETTLEMENT OF KEY VILLAGES : Two number of key villages (i.e) New Khawlek and Dunglei (in Aizawl District) shifting and resettlement to the new economic viable sites has been completed. Many household family of the two villages get benefitted.

B. APPROACH TO 8TH FIVE YEAR PLAN (1990-95)

During 7th plan (1985-90) the number of township has been increase sharply. At present, there are more than 40 notified Towns. Except the 4 townships, Structure Development Plan prepared . , the rest are without Structure Development Plan and development schemes. Life in such towns is becoming deteriorate and the environmental condition has becoming worsen .

In the absence of approved Town Structure Development Plan to guide development systematically, many undesirable activities begins to appear like Traffic hazard, parking problems, lack of proper garbage disposal and public dustbin, dead-end drainage, loss of life and property cause by landslide, unscientific highrise building construction, piecemeal allotment House site and Garden site etc. within such towns creating undesirable Urban environment.

In response to the issues, the State Government decided and made order under letter No F.20018/1/89 REV dt 11.5.90 and No.T 25025/8/90-DTE(REV)/3 dt 19.6.1990 that until and unless there is Structure Development plan prepared by the Town & Country and approved by Government no patta (LSC) will be issued to any body. from such townships for the sake of environmental measures, life and security etc. So, during the 8th plan (1990-95) the following vital points are being kept in mind for further progress and development :-

(i) DIRECTION AND ADMINISTRATION : Due to heavy work load under various heads mention below, strengthening of the present establishment to provide efficient and faster progress in doing ACTION PLAN and development schemes and works execution under various budget heads- (a) Development of small and Medium Towns, (b) Slum area improvement and (c) Other Urban Development Schemes, creation of some more vital Executive post, Technical & Clerical posts has to be created.

Besides, during 8th plan (1990-95) it is propose to set up sub-division offices, Division Offices and a separate Directorate for Town Planning and Development Department. For this purpose apart from Govt. of India permission the Mizoram Urban and Regional Development Bill 1990" has been passed by the State Legislative Assembly So, Rs 148.14 for 1990-95 and Rs 60.00 lakhs for 1991-92 is earmarked.

(ii) The Development of small and Medium Towns look Infra-structures due to high percentage of rural- Urban migration. To check and reduce such influx various schemes contained in the approved Action Planned of Small and medium Towns, for instances - Lunglei, Kolasib, Champhai and Serchhip is intended to take up during 8th plan period . Then Rs 115.41 for 1990-95 and Rs 16.50 lakhs for 1991-92 is earmark for execution of works.

(iii) Slum area is yet to be identified in Mizoram due to lack survey and investigation . However, it is experianced that the periphery of town condition is obviously slum. To survey and investigate and develop for the improvement slum condition, construction of urinals, roads, steps, promotion of water points or natural sources of water etc., is necessary So, during 8th plan (1990-95) Aizawl and Lunglei towns is intended to be covered. So, Rs 7.50 for 1990-95 is earmark.

(iv) State Government has reaslised the importance of Town Structure Development plan to safe Urban environment from deterioration condition . So during 8th plan periods the following Townships (i.e) Saiha, Kolasib, Serchhip and Saitual Towns Structure Development Plan preparation is intended to take up.

Beside, the implementation of various schemes contained in the Structure Development Plan the following towns viz: Aizawl, Bairabi, Khawzawl and Thenzawl its intended to be taken up. For this purpose Rs 108.95 for 1990-95 and Rs 16.18 lakhs for 1991-92 is earmark.

(v) To prepare Development Plan documents and records offset printer is necessary for printing maps, documents, and various machines. So these machines and equiprent is intended to procure during 8th Plan period.

DRAFT EIGHTH FIVE YEAR PLAN 1980-1985
STATE CAPITAL PROJECT.

INTRODUCTION :*

1. The main Secretariat building of the State of Mizoram and most of the Directorate buildings are still housed in the old earth while district council buildings even after Mizoram attained Union Territory in 1972 and statehood in 1987. The position of Government residential building is also very poor. Due to the rapid growth of population in the town, expansion of the capital town and improvement of the town roads is very much essential. The state capital expansion project has been approved in principle by the Government of India. The detail proposal for the expansion project amounting to Rs.132 crores is already submitted to the Government of India and its final approval is awaited. In the absence of formal approval and fund allocation the Capital Expansion Project cannot yet be started. However, as mentioned above, the existing infrastructure of the State Capital is simply not sufficient to accommodate even the bare minimum requirement. Rs.4 crores is nominally provided by the Planning Commission for construction of building and important roads during the 7th Five Year Plan to meet the immediate and essential requirements for running the capital.

The prominent achievement with this meagre fund during 7th Five Year Plan are internal approach roads, roads to NEIU campus, Planning Department Building and widening of feeder roads to Luangmual Complex, truck parking at one place and creation of Building Division-II with two sub-divisions.

The prominent works which are proposed to be constructed during the 8th Five Year Plan are- Construction of High Court Building, construction of bungalow for senior officers and Ministers, construction of 2 (two) numbers of Directorate Buildings, construction of Civil Secretariat building, Improvement of important junction and link road within the capital and construction of few missing link road.

On-going works to be spilled over to 8th Five Year Plan are widening of Road No.I from junction of Road No.II to Ch.Chhunga High School, Additional Secretariat at Aizawl, construction of Legislature Home at Tuikhuahtlang, improvement of road from Sakawrtuichhung Tanhril and Luangmual and widening of road from Vaivakawn to Luangmual junction No.II including solling & metalling and blacktopping.

DIRECTION & ADMINISTRATION :-

The present work load is about Rs.30 crores annually. This is inclusive of about Rs.9 crores under non-plan. Rs.6.8 crores under N.E.C. schemes and an about Rs.1.00 crores from the other agencies. The existing strength is 4 (four) working circles and 11 (eleven) working divisions. The 4 (four) circles are looking after building works as well as road works. During the 8th Five Year Plan the annual work load under road wings is expected to be raised to Rs.55 crores and that of building wings to 22 crores. To cope up with this increased work load, it is proposed to bifurcate road wings and building wings under two separate Chief Engineers.

After bifurcation under road wings, there will be 6(six) working circles including Mechanical Circle, out of which 4(four) will be carried on from the existing circles and two will be newly created. Under building wings, there will be 3(three) working circles, out of which 1(one) will be newly created and 1(one) will be carried over from the existing circles.

Under road wings, there will be 17 (seventeen) working divisions including 3(three) Mechanical divisions and 1(one) Store Division. Out of 17(seventeen), 11 (eleven) will be carried on from the existing divisions and 6(six) will be newly created. Under building wings, there will be 11 (eleven) working divisions including 1(one) Store division. Out of 10(ten), 6(six) will be carried on from the existing division and 4(four) will be newly created. Details of the proposed post creation is enclosed separately.

Detailed proposed structures of the organisation is as shown below and Rs.620.00 lakhs is earmarked for the new post creation as mentioned above during 8th Five Year Plan under Roads and Bridges.

The new post creation proposed under building wings will be shared proportionately under Government Housing, Public Works Building and State Expansion Project (Rs.118.00 Lakhs is earmarked during 8th Five Year Plan under State Capital Project).

Contd...../-

Statement showing proposed Circles and Divisions with existing ones.

	Chief Engineer with necessary Officers and Staff.	Working Circles office with necessary Officers and Staff.	Working Divisions with three sub-Divisions each with necessary officers and staff.
Additional Circles	One new Chief Engineer Office with necessary supporting staff.	4 existing circles 2 new Circles	11 existing divisions 6 new divisions.
Total:	6 circles	Total:	17 Divisions.
Additional Divisions	Existing Staff	2 existing Circles 1 New Circle	6 existing Divisions 4 new Divisions.
Total:	3 Circles	Total:	10 Divisions.

Staffing pattern of various offices under PWD (minimum requirement)

No.	Name of Post	Scale of Pay	CE Office		SE Office		Division Office		Sub-Divn. Office		Remarks
			No. of Posts	12 Months Pay	No. of Posts	12 Months Pay	No. of Posts	12 Months Pay	No. of Posts	12 Months Pay	
	C. E.	5900-7300	1		-			-			
	S. E.	3700-5000	1		1			-			
	E. E.	3000-4500	4		1			1			
	A. E.	2200-4000	7		4			1			
	J. E.	1640-2900	3		3			1			3
	U.S.-J-I	1400-2300	2		-			-			
	S. a.	950-1500			-			-			8
	D.M.-I	1640-2900	3		1			1			
	D.M.-II	1400-2300	2		-			-			
	D.M.-III	1200-2040	2		1			1			
1.	Blower Printer	800-1150	1		1			1			
2.	D.A.	2000-3200	1		-			1			
3.	A.D.A	1640-2900	-		-			-			
4.	Asstt.	1640-2900	5		1			1			
5.	Supdt.	2200-4000	1		-			-			
	U.D.C.	1400-2600	4		7			4			1
	L.D.C.	1200-1800	8		7			5			1
	Dufftry	800-1150	1		1			1			
	Sweepor	800-1150	1		1			1			
	Driver	950-1500	3		1			2			1
	Chowkider	800-1150	2		1			2			1
	Peon	800-1150	3		3			3			1
	Steno-I	2200-4000	1		-			-			
	Steno-II	1640-2900	1		1			-			
	Steno-III	1400-2600	2		-			1			
	F.A.D	2200-4000	1		-			-			

Proposed administrative structure after re-organization
of the existing one into road wings and Building wings during
8th Five Year Plan.

I. Buildings Wings :-

1. Chief Engineer Office.
2. Aizawl Building Circles :-
 - (1) Estate Maintenance Division.
 - (2) Aizawl Building Division.
 - (3) Aizawl Capital Construction Division-I
 - (4) Aizawl Capital Construction Division-II
3. Aizawl Rural Building Circles :-
 - (1) Western Building Division
 - (2) Eastern Building Division.
 - (3) Central Store Division.
4. Lunglei Building Circle :-
 - (1) Lunglei Building Maintenance Division
 - (2) Lunglei Building Construction Division
 - (3) Saiha Building Division.

II. Road Wings :-

1. Chief Engineer Office.
2. Mechanical Circle :-
 - (1) Maintenance Division
 - (2) Operative Division-I
 - (3) Operative Division-II
3. Aizawl Road Circle :-
 - (1) Aizawl Road Division-I
 - (2) Aizawl Road Division-II
 - (3) Aizawl Road Division.
4. Lunglei Road Circle :-
 - (1) Lunglei Road Division
 - (2) Saiha Road Division.
 - (3) Tlabung Road Division.
5. Aizawl Rural Road Division:-
 - (1) Saitual Road Division
 - (2) Kolasib Road Division
 - (3) Serchhip Road Division
 - (4) Khawzawl Road Division
6. N.E.C. Road Circle :-
 - (1) N.E.C. Road Division-I
 - (2) N.E.C. Road Division-II
 - (3) N.E.C. Road Division-III
7. Road Central Store Division.

MACHINERIES & EQUIPMENTS :-

As far as possible, construction works under State Capital Project are proposed to be mechanised due to shortage of labours and for achieving quicker progress. During the 8th Five Year Plan, it is proposed to acquire 2 nos. concrete vibrators, 2 nos. trucks, 1 no. excavator-loader and 1 no. D-50 bulldozers & Nos. concrete mixers with a budgeted outlay of

INFORMATION AND PUBLIC RELATIONS

MIZORAM

REVISED 8TH 5 YEAR PLAN

INTRODUCTION : During the last 7th 5 yr. Plan and the previous 5 yr. Plan, the Department had concentrated its activities mainly in the Counter Insurgency Publicity. Hence, not much efforts were made with regards to construction of Office building and Staff quarters. Now that the Insurgency is over the Department will concentrate itself in building up permanent infrastructure facilities effective publicity right from the State Capital to the Village Units. At the moment there is Directorate at the Headquarter with District Offices in all the District Headquarters and Sub-Divisional Offices in the Sub-Divisions. There are also 15 Information Centres mostly housed in a rented building manned by a Cinema Operator who is undermanned. It is felt that the present position is unfair and unsatisfactory to meet the requirements of the public.

The Department will now be able concentrate its activities to support developmental activities of various Departments and also to bring the people of Mizoram closer to the mainstream of National life through the use of Modern techniques of communications such as Television, Radio and through Cultural and Social exchanges. To achieve those goals we propose to modernise our equipments, mode of functioning by using all available electronic media,. It is also proposed to train the existing staff in the Modern Techniques so that they may be at par with the Officers in the rest of the country.

Besides, the items which were already included in the 1st 5 yr. Plans the following items are proposed to be taken up during the 8th 5 year Plan namely.

1. DIRECTION AND ADMINISTRATION : During the 7th Plan we have constructed six Sub-Divisional Offices. During the 8th Plan we proposed the following construction and amount of Rs. 65.00 lakhs is proposed- Rs. 8 lakhs is approved for 90-91 and Rs 12 lakhs is proposed for '91-1992.

(a) Construction of Conference Hall-Cum-Auditorium at Treasury Square : Where presently District Office is located. The Auditorium will be Multi-purpose which will serve the requirements for meetings, Conference, Press room, etc. It will be very convenient as the building will be close to the Assembly as well as the new Secretariat. The same Auditorium can be used for holding receptions, Film shows etc. The building will be equipped with 6mm Projector, Television, V.C.R. with large Screen, conference facilities with all the facilities with a small T.V. Studio where programme can be produced and edited.

(b) Construction of Office Building and Staff Quarter at Saiha : The Office of Public Relations Officer, Saiha and Staff Quarters were constructed in the early 70's and has outlived its life. It is, therefore, proposed to build a new one.

(c) Construction of Sub-Divisional Office Buildings :

We have constructed four Sub-Divisional Buildings during the last Plan. It is proposed to construct Office Buildings in the remaining Sub-Divisions with staff Quarters.

2. PRODUCTION OF FILMS : During the 7th Plan we have produced a few documentary on Video mainly for Telecast over Doordarshan New Delhi. Since it has not been possible for Doordarshan to make sufficient coverage, it has become necessary for the Government to produce this documentary to project a true image of Mizoram and its people. So that the Mizo will be known to the rest of the country in a correct perspective and thereby removing misinformation about Mizoram and its people. In view of the local Transmitter-cum-production Centre of Doordarshan coming up there will be more opportunity to participate in this powerful media. For this a good amount of fund will be required for the entire 8th Plan an amount of Rs 20.00 lakhs. Rs. 2 lakhs is approved for 1990-91 and Rs. 2 lakhs is proposed for 1991-1992.

3. PUBLIC EXHIBITION OF FILMS: As in the past it is necessary to procure and purchase of films on National Integration/Family Planning/Drugs abuse and such other films for promotion of communal harmony. For this an amount of Rs. 15.00 lakhs is proposed for the entire Plan period. Rs. 2 lakhs is approved for 90-91 & Rs. 2 lakhs is proposed for 91-92.

4. OTHERS:

(a) TRAINING IN MASS COMMUNICATION: With the introduction of new techniques in mass communication, it will be necessary for the Officers of this Department to keep upto modern days. Therefore, we earmarked Rs. 5.00 lakhs for the 8th Plan. Rs. 1 lakh is approved for 90-91 & Rs. 1 lakh is proposed to 91-92.

(b) RESEARCH & REFERENCE : Research and Reference Wing will have to be strengthened at the Directorate as also in the District. We proposed Rs. 10.00 lakhs for the 8th Plan. Rs. 0.50 is approved for 90-91 & 0.50 proposed for 91-92.

5. ADVERTISING AND VISUAL PUBLICITY : During the previous Plan we have spent most of our resources on Counter Insurgency. During the 8th Plan it is hoped that intensive efforts will be made to support developmental activities. Hence, Rs. 10.00 lakhs is provided for publication of leaflets and advertisement. Rs. 1.50 lakh is approved for 90-91 & Rs. 1.50 is provided for 91-92.

6. INFORMATION CENTRES: During the previous Plans we have opened 14 Information Centres in rural areas and Information Centre in New Delhi.

These rural Information Centres are very small and are singly manned by a Cinema Operator with minimum Audio Visual equipments. All of them are housed/accomodated in a small rented building. During the 8th Plan we proposed to have our own building with facilities for a meeting and a reading room. It is also proposed to strengthen with creation of 14 posts of Information Assistant

in the pay of scale of Rs. 1640-2900/- and Grade IV Staff. It is also proposed to have Information Centre at Calcutta and Guwahati to be manned by Public Relations Officer. This has become necessary as Guwahati is becoming a media capital of the North East. Similarly, Calcutta being the gateway of India for Mizoram, it will be useful to have an Information Centre to liaise with people who used to come to Mizoram and vice versa. Rs. 75.00 lakhs is earmarked for the 8th Plan. Rs. 8.00 lakhs is approved for 1990-91 and Rs. 12.00 lakhs is provided for 1991-92.

7. PRESS INFORMATION SERVICES : Currently we are subscribing two PTI Services at Raj Bhavan and C.M's Office. During the 8th Plan it is proposed to have Public Relations Officer at Saiha and Lunglei subscribe to PTI Services and thereby bringing the entire Mizoram in the news Map of the Country. We may also take up subscription of UNI Services at the Directorate. For this an amount of Rs. 30.00 lakhs is proposed in the 8th Plan. Rs. 4.00 lakhs is approved for 1990-91 and Rs. 4.00 lakhs is proposed for 1991-92.

8. FIELD PUBLICITY : With the Government emphasis on rural development and bringing democracy at the grassroot level, it is necessary that the Field Publicity is strengthened in all the District, Sub-Division and whenever we have Information Centres. For this an amount of Rs. 25.00 lakhs is earmarked. Rs. 6.00 lakhs is approved for 1990-91 and Rs. 5.00 lakhs is proposed for 1991-92.

9. SONGS & DRAMA SERVICES : To promote a National Integration we have been receiving and sending Cultural Troupe from various states and to various State during the previous Plan. During the 8th Five Year Plan we proposed to send more Cultural Troupes to different parts of the Country

- | | |
|---|-------------|
| 1) Entertainment of Cultural Troupe
for Cultural function. | |
| 2) Sending Cultural Troupe to various
States. | 15:00 lakhs |
| 3) Purchase of Costumes | |

For this an amount of Rs. 15.00 lakhs is earmarked. Rs. 2.00 lakhs is approved for 1990-91 and Rs. 3.00 lakhs is approved for 1991-92.

10. PHOTO SERVICES : To report various developmental activities for publication as well as for release to the National Papers, it has become necessary to enlarge our Photo Services section. As already mentioned earlier with the establishment of local TV Transmission and Production Centre at Aizawl, it will be necessary for us to give support to this Centre. For this an amount of Rs. 30.00 lakhs is earmarked for the 8th Plan. Rs. 4.00 lakhs is approved for 1990-91 and Rs. 5.00 lakhs is provided for 1991-92. Creation of following posts are proposed

- 1. Producer - 1 no. in the pay scale of Rs. 2000-3200/-
- 2. Photographer - 2 nos. in the pay scale of Rs. 1200-2040/-

11. PUBLICATION : Publication of developmental activities and facts about Mizoram will be intensified for both National as well as local consumption. For this an amount of Rs. 20.00 lakhs is earmarked. Rs. 5.00 lakhs is approved for 1990-91 and Rs. 4.00 lakhs is provided for 1991-92.

12. COMMUNITY RADIO & TELEVISION : During the previous Plans we have installed a number of Community Listening Sets as well as Community Viewing Sets in the rural areas. During the next 8th Plan we proposed to continue this scheme.

- | | |
|---|--------------------|
| <ul style="list-style-type: none"> 1) Community Listening Sets 2) Maintenance of Television sets 3) Maintenance of technical equipment 4) Generator | <p>30.00 lakhs</p> |
|---|--------------------|

Rs. 4.00 lakhs is approved for 1990-91 and Rs. 4.00 lakhs is provided for 1991-92.

13. OTHER EXPENDITURE :

CULTURAL AND SOCIAL ACTIVITIES : The Department is organising Team for Performance both in Mizoram and outside. It has been the responsibility of this Department to receive visiting Cultural Troupes from outside Mizoram, Besides, the Department has also been sending Cultural Troupe to participate in the Republic Day Celebration at New Delhi. For this Rs. 30.00 lakhs is earmarked.

- | | |
|--|--------------------|
| <ul style="list-style-type: none"> 1) For sending of Tribal representative 2) Republic Day Celebration in State Capital 3) Bharat Dharsan Tour/Tabl. au | <p>30.00 lakhs</p> |
|--|--------------------|

Rs. 4.00 lakhs is approved for 1990-91 and Rs. 4.00 lakhs is provided for 1991-92.

GRAND TOTAL : 380.00

XI(N)-1

DRAFT VIIIITH FIVE YEAR PLAN 1990 -95 LAI DISTRICT
COUNCIL.

INTRODUCTION: The Lai Autonomous District Council is the biggest and most populous of the three District Councils of the Mizoram. The present population is forty one thousand and about 1550 Sq. Km in area. It is situated in the southern corner of the Mizoram and touched with a boundary of Burma in the East and Mara District Council and Chakma District Council in the South and in the west respectively.

Most of the villages of this area are left behind from good roads which resulted that the people are backward and poor.

At the beginning of the 7th Five Year Plan the Council implemented only five items of the Development Schemes such as Rural Communication, Sanitation, Water Supply, Forest and Arts & Culture for which the approved outlay of the 7th Plan was Rs.81.50 lakhs only. But from 1987-88 another eight items such as Rural Development, Agriculture, Soil Conservation, Community Project, Social Welfare, Animal Husbandry, Industry and Additional Forest had been added. So, at the end of the 7th Five Year Plan the total actual expenditure comes to Rs.595.16 lakhs which is much higher than the approved outlay of the 7th plan.

In the 8th Five Year Plan 1990-95 the proposed amount is Rs 1980.00 lakhs only from which the approved outlay of 1990-91 and the proposed estimated amount of 1991-92 is Rs. 264.81 lakhs and Rs.318.00 lakhs respectively.

Proposed fund allocation in each sector of the 8th plan 1990-95 and Annual plan 1990-91 and 1991-92 are shown below-

		(Rs. in lakhs)		
		1990 - 95	1990 - 91	1991 - 92
I.	RURAL COMMUNICATION	Rs. 300.00	Rs. 50.00	Rs. 60.00
II.	SANITATION	Rs. 80.00	Rs. 10.00	Rs. 12.00
III.	WATER SUPPLY	Rs. 80.00	Rs. 10.00	Rs. 12.00
IV.	FOREST	Rs. 140.00	Rs. 20.00	Rs. 24.00
V.	ARTS & CULTURE	Rs. 100.00	Rs. 10.00	Rs. 13.00
VI.	RURAL DEVELOPMENT	Rs. 170.00	Rs. 26.00	Rs. 30.00
VII.	AGRICULTURE	Rs. 650.00	Rs. 81.00	Rs. 92.00
VIII.	SOIL CONSERVATION	Rs. 80.00	Rs. 10.00	Rs. 12.00

XI(N)-2

IX.	COMMUNITY PROJECT	Rs. 160.00	Rs. 19.81	Rs. 25.00
X.	SOCIAL WELFARE	Rs. 60.00	Rs. 9.00	Rs. 12.00
XI.	ANIMAL HUSBANDRY	Rs. 80.00	Rs. 9.00	Rs. 12.00
XII.	INDUSTRY	Rs. 80.00	Rs. 10.00	Rs. 14.00
		Rs. 1980.00	Rs. 264.81	Rs. 318.00

ITEM WISE INTRODUCTION.

I. RURAL COMMUNICATION: The Lai District Council has given priority in Rural Communication programme for construction of Jeep road touching most of the rural villages. Besides, construction of Truckable roads, selling and metalling for Town roads are proposed. And also a number of Masonry culverts, steps, retaining wall sawnwood bridges and side drains are proposed to be constructed during 8th Five Year Plan. Construction of I.V.P. and maintenance of the existing I.V.P. are also provided in the schemes. Purchase of boats to ply in the Council Ferries at Liapha, Tuipui, Pualthawh and Vatek. Besides, purchase of 2 Gypsy is proposed for supervising the works. During the 7th plan the staff strength was 14 in numbers and during the 8th plan another 14 are proposed for strengthening the existing staff.

Hence the proposed amount of 8th five year plan for this item is Rs 300.00 lakhs only.

II. SANITATION: Under this item the following schemes such as construction of Public pit latrine, Urinals, pucca Latrine and Urinals are proposed to be constructed. Besides, construction of pucca side drain and cross drain and septic typed latrines are also provided in the schemes and a provision for Re-construction of the existing Public latrines and Urinals. Constructed during the 7th plan are also provided in the schemes Market shed at Lawngtlai, Nengpui and Vaseikai are to be constructed. Besides, purchase of one Jeep and maintenance of the existing Trucked are provided. Provision for sweeping materials and Office expenses are also proposed.

During the 7th plan the staff strength was 14 and during the 8th plan 21 staff are proposed.

The total proposed amount for this item is Rs. 80.00 lakhs only.

Contd.....3/-

III. WATER SUPPLY: Water supply is the basic need of the people of hilly regions. As most of the villages are situated on the hill top, water supply for the villages by pipe lines is not applicable except in some few villages, hence purchase of Syntex /Polycen and construction of Tapping Rain Water are proposed in the schemes. Besides, construction of R.C.C. Water Tank, ordinary Water Tank in rural villages and repair of existing Water Tanks are also provided in the schemes purchase of one Jeep is proposed to supervise the works.

The staff strength during the 7th plan was 5 only and another 5 totalling 10 staff are proposed during the 8th plan.

Then the total proposed amount for this item comes to Rs. 80.00 lakhs only.

V. F O R E S T S: In view of the wastage of land caused by shifting cultivation and home consumption of firewood, the Council felt it necessary to raise more plantation of economic and fast growing species not only the Departmentally but also private individually during the 8th five year plan. The schemes included pre-works, creation, maintenance of plantation, fencing, preparation of Nursery beds, const. of Offices and Quarters, construction of Forest approach road to quarry and Offices, Uniforms, survey Instrument, Collection of seeds/stumps, Roadside Avenue plantation and beautification of Forest parks. Besides, purchase of Jeep to supervise the works is provided in the schemes.

During 7th plan there were 21 staff and 28 staff are proposed during the 8th five year plan.

The total proposed amount for this item is Rs. 140.00 lakhs only.

V. ARTS & CULTURE: Most of the schemes are continuing schemes and included the following items - Procurement of Cultural dress, printing & publication of books, Advertisement charges, maint. of Vedio with Camera, provision for Remuneration of Casual Artists, collection of songs & History, maintenance & preservation of ancient monuments, purchase of Books for Council Library, Holding of cultural meets, financial assistance to non-political organisations, Besides land aquisition and construction of Council House at Aizawl is provided in the Scheme. And also construction of Musium Hall, Training School at Lawngtlai, and Hqrs.

building for Scout & Guides are provided in the schemes. Besides, purchase of Mini-Bus, Jeep are also proposed for Cultural Troupe.

During the 7th plan there were only 2 staff and now the staff strength are 5 at Aizawl Council House and another 5 at Hqrs. Office Lawngtlai.

The total proposed amount for this item is Rs. 100.00 lakhs only.

VI. RURAL DEVELOPMENT: This item provides for construction of main Office building. During the 7th five year plan Rs.38.00 lakh had been spent and about 10nos of building had been constructed for Office of headquarters as well as out-posts. And some materials like Reds, Cement, Bricks had been collected and the main Office building will be completed during the 8th plan and the amount proposed for completion is Rs.80.00 lakhs only. Besides, some funds are provided for Rural Housing schemes to cover ~~all~~ ~~all~~ rural villages and construction of Rural roads to cover all rural villages during the 8th plan is also provided.

During the 7th Plan there are 6 staff and more 5 staff are added in the 8th five year plan.

The total proposed amount comes to Rs.170.00 lakhs only.

VII. AGRICULTURE: Agriculture is the main source of the Lai District and the Council is trying to be self-sufficient in foodstuff. As such, all reclaimable areas are proposed to be reclaimed during the 8th five year plan. Provision for construction and maintenance of Minor Irrigation, Checkdams, Culverts on agriculture linked road, Departmental seed farms, fishing ponds, staff quarters etc shall be urgently required. Besides, purchase of two Gypsy ~~with~~ maintenance are provided in the schemes for the implementations of the proposed as far as practicable. Provision are also included for additional staff including TA/DA and Office expenses.

Total proposed amount of 8th Five year plan is Rs. 650.00 lakhs only.

VIII. SOIL CONSERVATION: In view of the wastage of land and manure the scheme included Hill terracing cultivation in hill area

Pre-works, creation, maintenance of new and existing plantation of Tea, Coffee, Aracanut, fencing hut for labourers, approached road for transportation of materials, collection of seed/seedling for distribution to interested persons in free of cost for the above plantation. Financial assistance to cultivation like Aracanut, Coconut and Betel vines and hills terracing. One Jeep is essential to supervise and inspect the plantation and works. Proposed staff strength during the 8th plan is 10.

The total proposed amount for the 8th five year plan is Rs 80.00 lakhs only.

IX. COMMUNITY PROJECT: The scheme provides for Female Relief schemes for construction of Jeep road, maintenance of Town road, construction of playground, construction of Water points and maintenance of District Playground. Besides, construction of Community Hall. One Town Hall is going to be constructed at Lawngtlai in the name of Dokulh who died in Andaman Island. And some funds are also provided for implementation of Children Park in three places. Musical Instrument and Sport Goods are to be distributed to Musical Groups and Sport Association for improvement of their Association. Additional staff for implementation of the scheme and purchase & maintenance of Vehicle and facilities for the staff to undergo training is necessary. Construction of some departmental building is also required. Besides, construction and maintenance of District Playground and Tennis Court at Lawngtlai is also proposed in the scheme. The proposed amounts for 8th five year plan is Rs.160.00 lakhs only.

X. SOCIAL WELFARE: Rs. 60.00 lakhs only is provided for this sector. Under this scheme, family oriented schemes such as - Physical handicapped persons, old-aged pensioners, Poor patients who are referred to further treatment of Aizawl, Vellore etc. Spastic children, motherless babies, widows, Deaf, Dumb, Blind etc and distribution of materials to local organisation are provided.

Construction of Picnic spot and improvements of Bharat Scouts and Guides are included in the scheme. For the implementation of the above proposals construction of buildings, Furniture and equipments shall be required. Besides, since it is felt necessary for successful of Scout & Guides, provision for training, camping and purchase of Uniforms shall be required.

Provision for Hearing Aids and distribution of Nutrition to the needy persons are also felt necessary. For the promotion of Social life/Welfare in this area provisions for ~~the~~ rewards to Social workers. Essay competition and Seminar etc be required. This scheme included provisions for construction of Pavillions at District boundary.

Besides, purchase of Jeep with maintenance and additional staff shall also be required.

XI. ANIMAL HUSBANDRY AND VETY: Tribal life is associated with animals keeping. Almost each and every House hold is keeping some birds and pigs, Cows and Goats are generally kept by some families in the village. However, due to acute poverty with the people it is difficult to afford purchase of animals. Therefore, this scheme is meant for such family oriented schemes as financial assistance to the following farmers:- Cattle farmers, Goat farmers, piggery farmers, Poultry farmers on a small scale. Farming on small scale is rather encouraged in the scheme. However, unlike the previous year, there is proposal for opening of Veterinary farm for the purposed of Milk supply schemes. Milk supply is quite essential for Lawngtlai Town. It is therefore, proposed to open Vety farm at Lawngtlai and for which a handsome amount is proposed for building components and for procurement of improved Milk cows. Besides, some amount is proposed for Poultry farm and its maintenance.

Some new staff are proposed here to look after the farm. And purchase of one Jeep is also proposed for departmental use.

Rs. 80.00 lakhs only is proposed during the 8th plan.

XII. I N D U S T R Y: This scheme is mainly based on family oriented scheme Emphasis is laid on promotion of cottage Industrial Units at Village level on various trades. Therefore, a handsome amount is provided for going financial assistance to such small Industrial Units as Handloom, Weaving, Knitting, Watch repair, Shoe repair, Bakery, Blacksmithy, Cotton Mills, Beauty Parlour, Tin making, Photo Studio, Typing Institute, Repair of Tape Record/Radio, Repair of serving machine, Cane Industry, Silk worm rearers in the farm of Grant-in-aids. Dry cleaning Industry is proposed for bigger scale.

Distribution of various machines such as sewing machine, Saw mills/Rice Huller, Knitting machine, sewing machine for Embroidery and Carpentry tools proposed in this scheme. It is proposed that young boys and girls may be encouraged to undergo training in Motor mechanic, electronic, craft works, Watch repair, Vedio/IV repair // by giving them grant-in-aids. Therefore, some amount is provided for grant-in-aids to artisan on various trades for providing better facilities to interested persons. Production-cum-training Centre in Handloom and Tailoring Industry is proposed to be opened at Lawngtlai Hqrs. of Lal Autonomous District Council. Besides building furniture, Tools and implements including new materials for the training centre there is proposal for training expenses. Huge amount is proposed for the opening of the centre.

There is new proposal for opening of sericulture Extension centre at Saikah village, south of Lawngtlai. A negligible amount is provided for the purpose at the initial stage which may be increased in the coming years. To promote sericulture, creation of new posts like sericulture promotion Officer, rearer, Sericulture Demonstrator, Farm manager are proposed. There are proposed for creation of new posts like 2 Instructress, Instructor, weavers LDC, Driver and 2 IV Grade to look after production-cum-training centre at Lawngtlai.

Purchase of one Jeep is also proposed for departmental use for oftenly visiting Industrial Units in different villages. Rs. 80.00 lakhs is provided for the 8th plan.

Then the total proposed amount for the 8th plan will come to Rs. 1900.00 lakhs only.

WRITE UP ON VIIIITH FIVE YEAR PLAN
& ANNUAL PLAN (1991-91) IN RESPECT
OF MARA AUTONOMOUS DISTRICT COUNCIL.

INTRODUCTORY : The Mara Autonomous District Council situated on the southern tip of Mizoram. It has about 40000 inhabitants and covers an area of 1445 Sq.Km. SAIHA is the headquarters of the Mara Autonomous District Council which its also the common administrating headquarters of Chhimituipui District.

The inhabitant of this area mainly depend on Agricultural products.

VIIIITH FIVE YEAR PLAN

Outlay of Fund proposed for 8th plan is Rs 1620.00 lakhs out of which Rs 216.67 lakhs has been approved for the year 1990-91 and Rs 260.00 lakhs being proposed for 1991-92 (20% Increase yearly). The total actual expenditure during the 7th plan was Rs.556.03 lakhs from the approved Outlay of Rs 66.70 lakhs.

HEAD ^{W.S.}WAYS BREAKUP

During the 7th plan, the Mara Autonomous District Council Fund under Annual plan schemes was put under the head of Account :-

- " Major head : 2225-Welfare of SC/ST and other backward classes.
- " Sub-Major head : 80-General.
- " Minor head : 800-Other expenditure.
- " Sub head : 800(1)-Mara Autonomous District Council.

In the proposed 8th five year plan the head of account/Development has been changed as instructed by the planning department of Gov't of Mizoram as follows :-

Major head : 1 10 3470 00
Other General Economic Services,
Minor head : 01 Mara Autonomous District Council.
Sub head : 001 Direction and Administration,
002 Economic Development,
003 Health,
004 Other expenditure.

Therefore, Fund proposed for the 8th five year plan has been centralised in accordance with the heads of development.

001 (DIRECTION AND ADMINISTRATION)

Fund proposed for direction and administration are Rs 105.75 lakhs for 1991-92 and Rs 700.866 lakhs for 8th plan.

(1) Salary : Unlike the previous years, requirement of Fund for salary under different subjects are put together for the 8th plan. The total strength of proposed officers and staff for the 8th plan will be Group A'=8, Group B'=10, Group C'=70, Group D'=80 from the existing strength as on March 1991 as follows :- Group A'=6, Group B'=5 Group C'=56, Group D'=72 Rs 29.97 lakhs for 1991-92 and Rs 155.45 lakhs for 8th plan is proposed.

- (2) Office Expenses : Rs 3.73 lakhs for 1991-92 and Rs 29.95 lakhs is require.
- (3) TA/DA Rs 2.80 lakhs and Rs 24.35 lakhs for 8th plan.
- (4) Building : Rs 69.35 lakhs for 1991-92 and Rs 493.62 lakhs for 8th plan is proposed for construction of One number each of Rest house at Alzawl, Rest house at Siaha, Indoor stadium, main Market (big) at Siaha and Departmental quarters at different places of Rural area.

002 ECONOMIC DEVELOPMENT

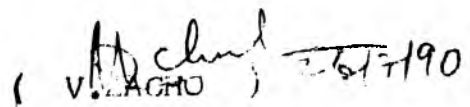
There are 10 sectors under this head as details shown in Annexure III 'B' the total outlay of Fund proposed under various schemes of this head are Rs 141.10 lakhs for the year 1991-92 and Rs 857.204 lakhs for the 8th plan. The schemes included under this head are, Rural Communication, Art & Culture, Forest, Agriculture, A.H. & Vety, Soil, Social Welfare, Industry, Community Development and Planning & Rural Development.

003 HEALTH : The schemes of Sanitation and water supply are put under head Rs 3.53 lakhs for 1991-92 and Rs 31.38 lakhs for the 8th plan is proposed.

004 OTHER EXPENDITURE : Only purchase and maintenance of Vehicle is shown under this head Rs 9.60 lakhs for 1991-92 and Rs 30.55 lakhs for 8th plan is proposed.

HEAD WISE BREAK UP

	<u>1991-92</u>	<u>1990-95</u>
1. <u>Direction & Administration.</u>		
(a) Salary, LTC. & Medical Re-imburement -----	29.97	155.456
(b) Office Expenses -----	3.63	26.46
(c) TA/DA & Training Expenses, -----	2.80	25.33
(d) Building -----	69.35	493.62
Total	105.75	700.866
2. <u>Economic Development :</u>		
(a) Rural Communication --	52.00	321.53
(b) Arts & Culture-----	4.30	16.84
(c) Forests -----	10.26	54.45
(d) Soil Conservation-----	24.44	175.50
(e) Agriculture -----	4.30	24.62
(f) Animal Husbandry & Veterinary -----	4.00	24.50
(g) Industry -----	2.90	18.85
(h) Social Welfare -----	16.40	84.844
(i) Community Development Project -----	20.50	129.45
(j) Rural Development ----	2.00	6.62
	260.00	851.204
3. <u>Health :</u>		
(a) Sanitation -----	1.28	15.11
(b) Water Supply -----	2.27	16.27
	4.55	31.38
4. <u>Other Expenditure</u>		
(a) Purchase & maintenance of Vehicles -----	9.60	30.35
	9.60	30.35
Grand Total	260.00	1620.00


 (V. ACHU) 26/7/90
 Planning & Development Officer,
 Mara Autonomous District Council,
 Saiha.

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DRAFT VIIIITH FIVE YEAR PLAN, 1990-95
CHAKMA AUTONOMOUS DISTRICT COUNCIL: KAMALANAGAR
MIZORAM
.....

INTRODUCTION

The Chakma Autonomous District Council is situated in the souther-most part of Mizoram surrounded by the Lunglei District in the North, by Burma in the South, by Lai Autonomous District Council in the East and in the West by Bangladesh covering 1500sq. km.(approx.) in area, and, is inhabited by about 26000 people living in 68 Villages. It is the most backwards among the three District Councils of Mizoram.

The road communication in the Chakma Autonomous District Council is almost nil for which the people of this region are tragically poor and illiterate, and, is the main hindrance in the way of implementing the developmental programmes. Since, there are vast fertile arable flat lands in this region, agriculture is the main stay of the people. If these lands are harnessed properly by applying modern agricultural technology, the Chakma Autonomous District Council will be self sufficient in food grains.

More emphasis has been given in the Agriculture and Road Communication considering the above factors during the eight five year plan and Annual plan, 1990-91 & 1991-92

Proposed fund allocation in each sector of the 8th Five year Plan period and Annual Plan, 1990-91 & 1991-92 are shown below:

Sl.No.	Sector	1990-95	1990-91	1991-92
1	2	3	4	5
1.	Rural Development	Rs. 128.05	19.20	19.92
2.	Agriculture.	Rs. 370.77	52.00	62.92
3.	Rural Communication	Rs. 262.40	28.05	43.18
4.	Community Project.	Rs. 146.56	21.60	22.75
5.	Arts & culture	Rs. 62.60	8.20	6.40

1	2	3	4	5
6. Water Supply		Rs. 62.51	9.15	9.86
7. Forest		Rs. 57.20	7.90	8.90
8. Sanitation		Rs. 50.88	7.40	8.00
9. Industry		Rs. 37.39	5.00	5.75
10. Animal Husbandary		Rs. 36.96	4.82	5.50
11. Soil Conservation		Rs. 31.71	4.50	5.00
12. Social Welfare		Rs. 12.97	1.70	2.30
G.TOTAL::		Rs.1260.00	168.52	204.00

I. RURAL DEVELOPMENT: The Chakma Autonomous District Council facing problems accomodation and Office buildings. Hence, provisions for construction of 25 Nos. buildings has been kept in the 8th Five Year Plan'90-95. Besides, construction of approach road to Office, quarters, repair, extension of old office buildings, quarters, Rest Houses; purchase of furniture, vehicle and its maintenance; entertainment of staff, TA/DA, office expenses has been kept in the 8th Five Year Plan, 1990-95.

Hence, the amount proposed in this sector is Rs. 128.05 lakhs in the Eight Five Year Plan.

II. AGRICULTURE: Since, the road communication in the Chakma Autonomous District Council is almost nil, provision for construction of 120 km. agri-link road is proposed in this sector to connect different villages. Further, cash subsidy for land reclamation, minor irrigation, fruit plantation, purchase of ploughing animals; purchase & distribution of agri-tools & equipments; purchase of pumping machine, vehicle; seeds, seedlings; constn. of Agri-godown, agri-rest House; etc. are made provisions in this sector. To implement properly the above schemes, staff provision also been made and to facilitate them, TA/DA, office expenses; training expenses also proposed during the eight five year plan.

Hence, a handsome amount of Rs. 370.77 lakhs has been proposed during the 8th Five Year Plan.

III. RURAL COMMUNICATION: Since the communication bottleneck has become the main hindrance in the way of implementing the developmental programmes in the Chakma Autonomous District Council, construction of 100 Km. Jeep road during the 8th Five year Plan and construction of Jeepable bridge also made provision in this regards. Besides, Construction of IVP., wooden foot bridge, sawn timber bridge, retaining wall and widening/maintenance of existing Jeepable road, Kamalanagar town road, boldering of Kamalanagar town road; Purchase of vehicle; entertainment of staff, TA/DA, office expenses, purchase of survey instrument are proposed in this sector.

During the 8th Five Year Plan, 1990-95, provision of Rs.262.40 lacs kept keeping in view for implementation of the above schemes.

IV. COMMUNITY PROJECT: The Chakma Autonomous Council has no permanent Rest House at Aizawl. So, to have a permanent asset, the provision of purchasing land and construction of Chakma Autonomous District Council Rest House at Aizawl, has been made during the 8th Five Year Plan. Besides, Construction of Village Council court, Community Hall, Indoor stadium at Kamalanagar; entertainment of staff, TA/DA, office expenses, purchase & maintenance of vehicle, rent and maintenance of CDC Rest House at Lunglei and Aizawl, purchase of furniture, terpoline, petromax, PA sets; maintenance of existing Lawn Tennis court at Kamalanagar also made provision in this sector during the 8th Five Year Plan.

To implement the above schemes successfully, Rs.146.56 lakhs has been proposed during the 8th Five Year Plan, 1990-95 in this Sector.

V. ARTS & CULTURE: In the sector of Arts & Culture provision of Rs.62.60 lakhs has been kept to implement the following schemes, such as, construction of building for printing Press, Librarian, staff quarter, purchase of furniture; making of cultural/documentary video films/video cassettes etc; purchase of TV/VCR/Video camera; collection of cultural dresses/ornaments, purchase of munium properties; maintenance of existing buildings;

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office expenses; holding of cultural meet/exhibition; financial assistance to cultural artist/voluntary organisation; remuneration to casual cultural artist; printing & publication of calender, books, pumplet, periodical etc.; purchase and maintenance of printing press and accessories; development of Chakma Script; purchase of cultural/musical Instruments; purchase/collecton of historial records, books/periodicals; entertainment of staff; TA/DA; purchase and maintenance of Zerox machine; maintenance of vehicle.

VI. WATER SUPPLY: Rs.62.51 lakhs is proposed in the sector of Water Supply during the 8th Five Year Plan, 1990-95. The schemes under taken during the 8th five year plan are- constn. of water tank; repair/maintenance of water tank; purchase and installation of water pipe and construction of water treatment plan at kamalanagar for grater water supply in the town of Kamalanagar; constn. of G.C.I. Sheet roofing house on the water reservoir and water treatment plan with security fencing; purchase of water pumping machine; maintenance of vehicle; entertainment of staff; TA/DA; Office expenses; construction of storage reservior (R.C.C.) at Kamalanagar.

VII. FOREST: In the sector of Forest, construction of teak plantation, sal plantation, champa plantation, khori plantation, gamari plantation; maintenance of existing plantations; maintenance of lake; preparation of nursery beds; collection of seeds; creation of roadside plantation; purchase of dugout boat; casualty replacement; fencing and fire protection including maintenance of the above works; construction of Rest House/Power House at Lake; entertainment of staff; TA/DA; office expenses; training expenses; purchase of furniture for offices/beat offices; purchase of uniforms, motor-bike; maintenance of vehicle; construction of inspection path; approach road; purchase of survey instrument; etc. are under taken during the 8th Five Year Plan, 1990-95

To implement the above schemes properly a sum of Rs.57.20 lakhs is proposed.

WIII. SANITATION: In the sector of Sanitation Rs.50.88 lakhs has been proposed during the 8th Five Year Plan, 1990-95. The schemes/ under taken in this sector are/ as follows: - construction of public latrine; public urinal, bajarshed ar different palaces; extension of bajarshed; construction of sanitary latrine; office expenses; TA/DA; maintenance of vehicle; construction of Kamalanagar Bazar building(R.C.C.) and purchase of sanitary equipments are proposed for implementation.

IX. INDUSTRY: During the 8th Five Year plan, 1990-95, opening of handloom/kneeting/ tailoring- cum- production centre at Kamalanagar is proposed. In this regards, provision for construction of building, purchase of machines-tools and raw materials. purchase of furniture office expenses, entertainment of staff, trainees stipend for 14 trainees every / year has been made. Besides, purchase & distribution of sewing machine, kneeting machine, handloom etc; grant-in-aid for cane industry; timber sawing; carpentry; tailoring; weaving; purchase and distribution of industrial tools and equipments; maintenance of building has been made provision in the sector of Industry during the 8th Five Year Plan, 1990-95-

In this sector, Rs.37.39 lakhs has been proposed for implementation of the above schemes during the eight five year plan.

X. ANIMAL HUSBANDARY: The Chakma Autonomous District Council has a target to become self sufficient in meat. Hence, keeping in view the above, cash subsidy to goat farmer, Cow rearer, Piggery farmer has been made during the 8th Five Year Plan, 1990-95. Further, opening of a departmental Piggery farming has also been made during the eight five year plan. In this connection, construction of hog sty/shed, purchase of high breed pigs, purchase of barbed wire for fencing the farm compound, purchase of buckets/ pan etc, purchase of fodder, firewood, medicine, etc. also/ made. Besides, purchase of medicine for prevention and and cure of domestic animals and poultry birds, purchase of

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nutritions and assential chemicals for vetinery, entertainment of staff, training expenses, TA/DA, office expenses are proposed in the sector of Animal Husbandary during the 8th Five year Plan, 1990-95 has been made.

Rs.36.96 lakhs has been proposed in this sector during the VIIITH Plan for successful implementation of the aforesaid schemes.

XI. SOIL CONSERVATION: In this sector, creation/preparation of nursery beds, creation of rubber plantation, purchase and collection seeds for raising nursery beds, construction of approach road, to nursery farms, maintenance of of existing nursery farms, entertainment of staff, TA/DA, maintenance of rubber plantation, hill terracing, purchase and distribution of seedlings; purchase and distribution of barbed wire, cash subsidy for planting aracanut and coconut; and purchase of tools and equipments, has been made in this sector.

To implement the above schemes, a handsome amount of Rs.31.71 lakhs has been proposed during the 8th Five Year Plan, 1990-95.

XII. SOCIAL WELFARE: In the sector of social welfare, provision of old age pension, financial assistance to phusically handicaped person/widow/motherless babies; reward to best social workers, purchase of utencils for distrinution to the physically handicaped persons, widow, motherless babies has been proposed.

For the above schemes, Rs.12.97 lakhs has been proposed in this sector during the 8th Five Year Plan, 1990-95.

(TONGCHONGYA)
Executive Member,
Chokme District Council,
Kamalanagar.

nk/-06081990.

Labour & Employment : MIZORAM

Formulation of 8th Five Year Plan 1990-1995 and Annual Plan 1991-1992.

The programmes proposed for implementation under Labour & Employment during the 8th Five Year Plan are broadly as follows :-

	Rs. in lakhs	
	1990 - 1995	1991 - 1992
1. Labour	50.00	6.00
2. Employment	41.00	6.00
3. Training	99.00	18.00
TOTAL :-	190.00	30.00

The approved outlay during 7th Plan was Rs.78.46 lakhs against which Rs.77.70 lakhs was actually spent. The approved outlay for 1990-1991 is Rs.25 lakhs which is anticipated to be fully utilised.

1. Labour

(a) Direction and Administration :- As all Labour Laws have to be implemented in Mizoram right from scratch it is proposed to strengthen the Labour Wing adequate enforcement machinery extension of existing Directorate building, Construction of Labour Rest Houses in each district of the state to provide cheap accommodation to the floating and seasonal rural workers as well as migrant labourers engaged in construction and other works. The proposed outlay during 8th Plan is Rs. 50 lakhs which consists of building component to the amount of Rs.20 lakhs and Rs.30 lakhs for strengthening of the Labour Wing as well as critically on going scheme and committed one during 1990-1991.

The proposed outlay during 1991-1992 is only Rs. 6 lakhs under this sector.

2. Employment

(a) Direction & Administration:-

The Directorate is manned by skeletal staff - NO SEMI units and no job-Development units. This requires strengthening. The Directorate building also requires extension. For all these is proposed an outlay of Rs.25.55 lakhs during 1990-1995.

(b) Employment Exchanges :-

During the 8th Plan the existing three district Employment Exchanges, and two sub-Divisional Employment Exchanges requires to be strengthened with adequate man power along with the continuation of the Employment Exchange for Promotion of Self Employment which is a C.S.S. It is proposed to construct an Employment Exchange building at Lunglei. It is also proposed to set up a mobile registration unit exclusively for the benefit of rural educated youth who are 100% Scheduled Tribe including Riang, Tipera, Chaka etc. for these, the proposed outlay is Rs14.45 lakhs only.

As a special Employment Programme it may be mentioned here that the literacy rate of Mizoram is over 50% and the Live Register of educated job-seeker is around 42500. Entry of un-employed in Private Sector is alarmingly negligible as avenues for Employment in such enterprises are few. It is proposed to set up a Protection & Marketing Centre to assemble and market electric & electronic appliances for which is proposed a token provision of Rs. 1 lakh during the 8th Plan.

The proposed outlay during the 8th Plan is Rs.41 lakhs with the projected outlay of Rs.6 lakhs during 1991-92.

3. (a) Training

The only Industrial Training Institute located at Aizawl now imparts vocational training seven Engineering trades and two non-Engineering trades. During the 8th Plan, trades such as Draughtsman (Civil), Diesel Mechanic, and Radion & T.V.Mechanic trades have to be introduced as these were approved for introduction during 7th Plan but had to be stalled owing to want of Workshop. It is proposed to continue the Motor Mechanic Trade approved in 1990-91 and to introduce Refigeration and Air Conditioning trades being the approved trades during the 8th Plan. In addition provision of Rs.6.60 lakhs as States Matching Contribution for the C.S.S. World Bank Project i.e. Modernization of I.T.I is included in the proposal during the 8th Plan. The proposed outlay for the above scheme is Rs.76 lakhs.

The proposed outlay for 1991-1992 is only Rs. 11.50 lakhs.

(b) Industrial Training Institute :-

A new Industrial Training Institute is proposed to be set up in Chhimitaipui District of Mizoram at a place centrally located namely - Lawngtlai, which is the most backward district in Mizoram comprising three districts ethnic groups which are by and large rural and the educated youth are not fully exposed to the training facilities available in the existing I.T.I. Distance and Economic conditions are the main discouraging factors.

To start with only three trades which offer ample Employment and Self-Employment opportunities, such as Wireman, Cutting & Tailoring and Secretarial Practice for both men and Women are proposed to be introduced for which is reflected an outlay of Rs.18 lakhs during the 8th Plan.

The outlay proposed during 1991-92 is only Rs.5.50 lakhs for this purpose.

(c) Apprenticeship Scheme :-

Apprenticeship Scheme is extended to clerical (General) and I.T.I passed at Engineering trainees. The intake capacity has been almost double during 1990-1991. It is proposed to continue it strengthening the enforcement machinery with a proposed outlay of Rs.5 lakhs during 8th Plan.

The proposed outlay for 1991-92 is Rs.1 lakh only.

GOVERNMENT OF MIZORAM
SOCIAL WELFARE DEPARTMENT

DRAFT 8TH FIVE YEAR PLAN & ANNUAL PLAN 1990-91

INTRODUCTION: The Social Welfare Department in Mizoram was originally started as a wing of Education Department in 1973-74 with a skeleton of staff headed by a State Social Welfare Officer. The wing was subsequently strengthened by creating the post of one Programme Officer in 1974-75. The post of a District Social Welfare Officer was also created in the same year to man the District Office at Aizawl. Again in the year 1980-81 two more posts of District Social Welfare Officers for Lunglei and Chhimituipui Districts were created and provisions were made for engagement of a skeleton ministerial staff. However, the Social Welfare Wing was eventually declared as a Directorate whereby one post of Director, one post of Assistant Director and one post of Gazetted Superintendent along with a few posts of supporting ministerial staff were created in the year 1980-81. After the post of Director was filled up, the Directorate started to function as a full fledged separate Department since 1983.

The posts of Joint Director on the scale of Rs. 3700-5000/- and Deputy Director Rs 3000-4500/- were created during the 7th Plan for upgradation of minor Directorate of Social Welfare to a major Directorate of Social Welfare.

The total outlay during the 7th Plan period was only Rs 160 lakhs and the proposed financial outlay during the 8th Plan is work out at Rs 400.00 lakhs.

The following are the programmes and schemes proposed to be taken up during the 8th Plan period 1990-91.

<u>Name Schemes</u>	<u>Proposed outlay for 8th Plan.</u>
1) Direction Admn.	138.50
2) Welfare of Women.	31.30
3) Welfare of Handicapped	58.34
4) Child Welfare	2.33
5) Correctional Services	78.28
6) Welfare of Poor & Destitute	46.00
7) GIA for Vol. orgns.	9.50
8) Prohibition	35.95
TOTAL	RS. 400.00 lakhs.

1. DIRECTION
CONSTRUCTION OF DEPARTMENTAL BUILDINGS: The Department does not have its own buildings either at the Directorate level or at the District level. Every month the Department spend Rs. 1.10 lakhs for hiring private buildings for office accommodations etc. which testified the necessity of having buildings of our own. As the Department has its own lands at the State and District Headquarters, it is proposed to construct one R.C.C. Building for the Directorate at Aizawl, four District Offices, three buildings for Male and Female handicapped centres at Aizawl and Lunglei and five quarters for Chowkidar for which allocation of Rs. 134.00 lakhs is proposed during the 8th Five Year Plan.

Financial requirement during the 8th Five Year Plan is worked out as follows.

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Particulars	1990-91	1991-92	Proposed outlay during 8th Five year Plan
1) Construction of building	10.00	18.00	136.50
2) Maintenance of Directorate Estt.	-	-	2.00

II. WELFARE OF WOMEN: Under the programme, the following different schemes have already been implemented during the 6th & 7th Plan period and all of the schemes are proposed to be continued during the 8th Plan period. In addition to the existing programme, the following schemes are considered necessary for implementation and requirements of funds for the 8th Plan period are as follows:-

a) Day Care Centre: The scheme has been implemented during the 6th Plan and continued till 7th Plan. The scheme is to enable working mother under poverty line who can not afford baby's sitting during their working hour. Children below 3 years of poor working mothers are taken care of in the centre. During the 6th & 7th Plan only 35 centres were opened due to capacity of fund. Out of this, twenty one centres in Aizawl District, twelve centres in Lunglei District and two centres in Chhimituipui District were opened. In addition to this existing centres, it is proposed to open 36 more centres in the selected villages to cover more children of working mothers. The propose District-wise allotment of new centres are ten in Aizawl District, 8 centres in Lunglei District and 8 centres in chhimituipui District.

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a) House Rent @ Rs. 200/-p.m. (200x12)	12,000/-
b) Honorarium to Ayah @ Rs 480/-p.m. (480x12)	28,800/-
c) Honorarium to Helper @ Rs 150/-p.m. (150x12)	9,000/-
d) Purchase of materials @ Rs 71840/-p.cent.	39,200/-
e) Feeding @ Rs 0.50 per child per day child for 25 children for 22 days in a month.	3,300/-
f) Honorarium to visiting Doctor @ Rs 100/- per month.	1,200/-
g) Contingency @ Rs 100/-p.m. per centres	12,500/-
TOTAL:	1,06,000/-

Detailed financial requirement during 8th Five Year Plan is given below:-

Particulars	1990-91	1991-92	Proposed outlay during 8th Five Year Plan
Maintenance of Creches centre	1.06 (for 5 centre)	2.11 (for 10 centres).	12.82

b) Setting up of Women Welfare Centre: To educate and demonstrate child care, health care, cooking, home management, interior decoration and any other women development programme. It is proposed set up 3 centres to organise short course training for the above activities during the 8th Plan. It is considered highly essential to set up such centre with a view to develop women in Mizoram.

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Financial requirements for 1990-91 are as below:-

a) House rent @ Rs 3000/-p.m.	36,000/-
b) Engagement for honorarium to resource persons 1000/-p.m.	36,000/-
c) Purchase of equipments	88,090/-
d) IV grade-3 nos	67,500/-
e) Purchase of raw-materials	86,250/-
f) Misc. contingency	86,250/-
TOTAL:	Rs; 6,00,000/-

Fund requirement during 8th Five Year Plan is as below:-

1990-91	6.00 lakhs
1991-92	3.12 lakhs

Total requirement during 8th Five year Plan. 18.48 lakhs

III. CORRECTIONAL SERVICES

A. JUVENILE JUSTICE ACT, 1986: This scheme has been implemented during the 7th Plan with a skeleton strength of staff and it is proposed to be expanded during the 8th Five Year Plan as per Government of India Guidelines by establishing new Homes at each District Headquarters with the minimum essential staff.

A.OBSERVATION HOME: The requirement of fund for Observation Home at Aizawl during 8th Five Year Plan is as under:

	1990-91	1991-92	Proposed out- lay for 8th Five Year Plan.
1) Maintenance of Observation Home, Aizawl	-	1.66	7.58

b) The requirement of fund for Observation Home at Lunglei during the 8th Five Year Plan is as under:

	1990-91	1991-92	Proposed outlay during 8th Five Year Plan
Maintenance of Observation Home, Lunglei	-	-	7.24

c) The requirement of fund for Observation Home at Saiha during the 8th Five Year Plan is as under:

	1990-91	1991-92	Proposed outlay during 8th Five Year Plan.
Maintenance of Observation Home, Saiha	3.08	5.02	19.90

B. JUVENILE HOME : Total financial requirement for Juvenile Home at Aizawl & Lunglei during the 8th Five Year Plan is as follows:-

	1990-91	1991-92	Proposed outlay during 8th Five Year Plan
Maintenance of Juvenile Home at Aizawl and Lunglei.	3.04	3.79	24.11

C. THE PROBATION OF OFFENDER'S ACT: This scheme which have been continuously enforced in Mizoram could not fully be separated due to absence of fund. It is proposed to be continued during 8th Five Year Plan and the following is the proposed outlay during 8th Five Year Plan.

	1990-91	1991-92	Proposed outlay during 8th Five Year Plan
Maintenance of P.O. Act.	1.60 lakhs	3.65 lakhs	19.55 lakhs

IV. WELFARE OF HANDICAPPED: Under this programme various schemes have been taken up during the 7th Plan period and some of these schemes are proposed to be continued and expanded during the 8th Plan. A survey conducted in this respect shows that there are about 12000 handicapped persons in Mizoram, needing economic, and social rehabilitation in one pursuit or the other. Upto the end of the 7th Plan period 1200 such handicapped persons were already rehabilitated against the target of 1000. The schemes proposed to be undertaken are as follows:-

a) Training Centres for Female & Male handicapped persons at Saiha

Under this scheme Training-cum-Production Centres for Female and Male Handicapped persons was opened in 1986-87 at Lunglet, which has a capacity for training 40 trainees in one year. Upto the end of 7th Plan 60 Females and 20 Males have already been trained. Similarly Training Centres is proposed to be opened at Saiha during 8th Plan period.

Financial requirement during 8th Plan period are given below:

	1990-91	1991-92	Proposed outlay during 8th Five Year Plan
Maintenance of Training Centre Saiha.	1.30	2.80	14.12

b) Vocational Training for handicapped persons:

At various places, vocational training centres for handicapped persons are opened by voluntary organisations and financial assistance are provided to the handicapped trainees by the State Government @ Rs.75/- p.m. and essential equipments.

Financial requirement during 8th Plan are given below:-

1990-91	1991-92	Proposed outlay during 8th Five Year Plan.
0.50 lakhs	0.50 lakhs	2.50 lakhs

c) Hostel for handicapped persons at Lunglei: It is problem for the handicapped persons to stay with other families who are not their near relatives, Hostel accommodation for the handicapped trainees at Lunglei is essentially required for handicapped trainees coming from villages who do not have near relative at Lunglei.

It is, therefore, proposed to open Hostel for handicapped persons at Lunglei during 8th Five Year Plan.

The financial requirement for handicapped hostel during 8th Five Year Plan is given below:-

	1990-91	1991-92	Proposed outlay during 8th Five Year Plan
Maintenance of handicapped hostel at Lunglei.	3.32	4.45	23.02 lakhs

d) extension of hostel for handicapped persons at Aizawl.

Hostel for handicapped persons was opened at Aizawl during 6th Five Year Plan with a capacity of 30 inmates, 15 male and 15 female handicapped persons.

It is proposed to create 2 posts of Warden for Male and Female hostels respectively.

Financial requirement for 8th Plan period are given below:

	1990-91	1991-92	Proposed out- lay during 8th plan
Salary etc.	0.22	0.37	1.84

a) Cerebral Palsy: To tackle the problem of Cerebral Palsy, a spastic society has recently been formed by a voluntary organisation. In order to derive the utmost benefit by the spastic children. It is intended to extend GIA to such society in the form of equipments, administration, training, maintenance etc. The financial requirement for the period of 8th Five Year Plan is given below:

1990-91	1991-92	Proposed outlay during 8th Plan
7.88 lakhs	2.00 lakhs	15.88 lakhs

V. CHILD WELFARE

a) LIBRARY CUM RECREATION CENTRE FOR CHILDREN: This scheme has been implemented during the later part of the 6th Five Year Plan and has been continued during the 7th Plan period with the financial outlay of Rs. 1.70 lakhs.

The scheme is proposed to be expanded during the 8th Five Year Plan by opening 5 more such centres which would cater for the needs of not only children out of adolescents and grown-ups by providing facilities of reading room, reading materials and minimum requirement of furniture.

The fund requirement during the 8th Five Year Plan is as follows:-

1990-91	1991-92	Proposed outlay during 8th Five Year Plan
-	0.55 lakhs	2.33 lakhs

VI. WELFARE OF POOR & DESTITUTE:

a) Old Age Pension:

Pension to aged and totally blind persons during the 7th Five Year Plan, as many as 2161 Old Age Persons are given financial assistance @ Rs 60/-p.m. per person. This scheme is proposed to be continued during the 8th Five Year Plan by increasing the amount from Rs 60/-p.m. per person to Rs 100/- per person. The financial year-wise break-up and physical target during the 8th Five Year Plan period is as follows:-

Financial break-up

1990-91	1991-92	Proposed outlay during 8th Five Year Plan
5.00 lakhs	6.00 lakhs	46.00 lakhs

III. GRANTS IN AID TO VOL. ORGANISATIONS: Social Service through voluntary organisations are well developed in Mizoram. There are a number of voluntary organisations with branches units practically at each village in the interior places and each of this had actively participated in the activities of various social services.

With the financial outlay of Rs 5 lakhs during the 7th Five Year Plan, as many as 1000 such vol. organisations have been rendered financial assistances. The scheme is proposed to be continued during the 8th Five Year Plan. With the additional financial outlay of Rs 10.00 lakhs to cover as many as 1500 vol. organisations and the following is the year-wise, break up of outlay.

1990-91	1991-92	Proposed outlay during 8th Five Year Plan
2.00 lakhs	2.00 lakhs	9.50 lakhs

VIII. PROHIBITION:

a) New Scheme for creation of State Level Programme development and monitoring cell for monitoring and implementation of Juvenile Justice Act, scheme for Welfare of Children in need of care and protection etc.

The UNICEF has agreed to provide 10% assistance for setting up of a State Level Programme Development and Monitoring Cell for monitoring implementation of Juvenile Justice Act etc. upto December/1991, after which the expenditure on this account will have to be borne from the State resources. The details of the programme component for which UNICEF assistance will be available shall be as under.

This scheme is proposed to be taken up during the 8th Five Year Plan and the following is the total financial outlay during 8th Five Year Plan.

	1990-91	1991-92	Proposed outlay during 8th Five Year Plan
Salary etc	0.75	2.15	7.75

- b) Preventive measures in regard to drug addicts and alcoholics etc.

With a view to present the over-increasing problems of drug abuses and alcoholism in Mizoram. It is felt necessary to create awareness among public, and the school going children, urgent measures have to be taken up during the 8th Five Year Plan for the Prevention of the above problems. Financial year-wise break up are as follows:

(In lakhs)

	1990-91	91-92	92-93	93-94	94-95	Total
1) Production & publication of education, journal & articles & publicity materials like pamphlets, booklets, hoarings, posters, slogan etc. depicting the ill effect of liquor drugs.	0.50	0.30	0.50	0.50	0.50	2.30
2) Awards to best films short plays	0.50	0.30	0.30	-	0.50	1.60
3) Holding of seminar conference/meetings exhibition, essays debate competition	0.50	0.50	-	0.50	0.40	1.90
4) Holding of training camps for social workers.	0.50	0.30	0.35	-	0.50	1.65
5) Hono. to social workers/evaluators of essays, debates.	0.50	-	0.50	-	0.50	1.50
6) Stationery, telephone postage & other contingencies.	0.50	0.25	0.10	0.50	0.10	1.45
7) Survey, research studies/research reports.	0.50	0.10	-	0.50	-	1.10
8) Training recreational facilities treatment rehabilitative services including counselling & following up aspects of the problems of drug abuse.	0.50	0.50	0.50	0.50	0.50	2.50
9) Organisation asst. to Vol.Orgns. working in the field of de-addiction & counselling services.	2.00	3.00	3.00	3.00	3.00	14.00
TOTAL :	6.00	5.25	5.25	5.50	6.00	28.00

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FINANCIAL OUTLAY

(Rupees in Lakhs)

Sl. No.	Name of Schemes	Approved 7th Plan.	1990-91	1991-92	Proposed outlay during 8th Five Year Plan
1	2	3	4	5	6
I.	<u>DIRECTION & ADMNS.</u>	17.45	10.00	18.00	138.50
II.	WELFARE OF WOMEN	15.18	7.00	5.23	31.30
III.	Welfare of handicapped	27.49	2.50	3.30	58.34
IV.	Child Welfare	34.89	-	0.55	2.33
V.	Correctional Services S.I.T Act.	82.20	7.72	14.12	78.28
VI.	Welfare of Poor & Destitute.	15.39	7.00	8.00	46.00
VII.	GIA to Vol.Orgns.	7.71	2.00	2.00	9.50
VIII.	Prohibition.	13.69	6.00	6.00	35.75
TOTAL :		214.00	52.20	62.00	400.00

DRAFT TO EIGHT FIVE YEAR PLAN AND ANNUAL PLAN 1990-199
SUPPLEMENTARY NUTRITION PROGRAMME AND MIDDAY MEAL PROGRAMME.

SUPPLEMENTARY NUTRITION PROGRAMME -

Supplementary Nutrition Programme was implemented in a another nominal manner in the 5th Plan period. This was expanded during the 6th Plan period by the Community Development Department. The whole of the Union Territory was then covered in a scattered manner covering selected areas with the total beneficiaries of 16,000 consisting of mothers and malnourished children. Against the national norm of feeding them for 300 days in a year of 365 days, the Department could then food them for about 200 days only the paucity of fund. During the 7th Plan period Rs. 345.00 lakhs as expanded. Due to the introduction and expansion of Integrated Child Development Services in Mizoram, and in view of the fact that Supplementary Nutrition is one of the most vital components of ICDS for which Social Welfare Department is the nodal Department, the Supplementary Nutrition Programme Wing of the C.D Department was transferred to the Social Welfare Department in 1982-83 along with the Officers/Staff, Assets, and the provision available under the programme at the time.

The Programme was re-organised with its implementation being geared upto suit the programme of Integrated Child Development Services after it was transferred to the Social Welfare Department.

As per the Government of India's letter No. 11-29/89-Pt.II dt. 14.12.1989, location of 2(two) new ICDS Projects under Centrally Sponsored Schemes was approved as below :-

Sl. No.	Name of block	District	Type
1.	Aizawl Town	Aizawl	URBAN
2.	Chawngte	Chhimitipui	RURAL

Besides, one existing State Sector ICDS Projects Ngopa was also allowed to be converted into Centrally Sponsored ICDS Project.

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XI(S)-E

The present position without these Projects newly approved is as follows :-

1. Centrally Sponsored ICDS Projects	- 15
2. State Sector ICDS Projects,	- 3
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TOTAL :	- 19

With the approval of 2(two) new C.S.S Projects and conversion of 1(one) State Sector ICDS Project into C.S.S Project, over position will be as under :-

1. Centrally Sponsored ICDS Projects	- 19
2. State Sector ICDS Projects	- 2
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TOTAL :	- 21

With the expansion of the ICDS Scheme, various categories of beneficiaries will be extended as follows, based on the survey report of the Project.

1. Pregnant & Lactating mother	- 22,283
2. Malnourished children	- 46,890
3. Severely malnourished children	- 3,327
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TOTAL :	72,500

SUPPLEMENTARY NUTRITION PROGRAMMES :

As per Government of India norms, Supplementary Nutrition Food should be given to the beneficiaries at least 300 days in a year with the latest prescribed daily ceiling of Rs.0.75 malnourished children respectively. The daily requirement and 1(one) year requirement for the targetted number of beneficiaries, as per the norm is given below :-

1) Pregnant/Lactating mother.	22,283x1.05	Rs. 23,397.15
2) Malnourished children	46,890x0.75	Rs. 35,167.50
3) Severely malnourished	3,327x1.25	Rs. 4,158.75
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TOTAL :-		Rs. 62,723.40

Daily requirement = Rs. 62,723.40

Requirement for 300 days Rs. 1,88,17,020.00

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However, as per approved, year wise detail outlay for 8th Plan period, Rs.750/- lakhs only had been allotted for Nutrition. This includes DNF,MDM, Community extension Centre.

Rs. 707 lakhs is set aside for SMP as given below:-

1990-91	- 97.08
1991-92	- 108.50
<u>TOTAL of 1990-1995</u>	<u>- 707.00</u>

MIDDAY MEAL PROGRAMMES :

Total No. of beneficiaries covered under this Programme is only 15,000 p.a and the targetted group of people are Primary Children of 6-11 years age group. The programme is intended to be expanded and geared-up to keep pace with the national norm such as the Primary Health Programme which has been implemented in Mizoram in 82 schools without any Midday Meal so far.

The following are the outlay proposed for the 8th Plan period, number of beneficiaries proposed to be covered are 20,000 each year with increased Nos. of feeding days.

<u>Year</u>	<u>Proposed outlay</u>
1990 - 91	Rs. 2.92 lakhs
1991 - 92	Rs. 3.50 "
<u>TOTAL of 1990-95</u>	<u>Rs.23.00 lakhs</u>

COMMUNITY FOOD & NUTRITION EXTENSION CENTRE :

As per Government of India's letter D.O. No. 6(5)/83-FNB-D III dt.11.8.89 addressed to the Chief Secretary, Govt. of Mizoram requested to set up Community Food and Nutrition Extension Centre in Mizoram under Centrally Sponsored Scheme on the pattern that the Department of Food will meet the full cost of non-recurring expenditure such as equipments etc., required for the centre for two years with 50% share of recurring expenditure such as staff

salary, etc. for the first year. 25% share of same during the second year and there after the State Government should be on its own. The Government of India, Ministry of Food and Civil Supplies have further insisted that Mizoram being the only State where the Centre has not yet started, should take steps to start at least one such centre. Hence, the proposal is initiated for implementation during 1989-90.

The scheme aims at educating the house-wives in the scientific preservation of fruit & vegetables thereby avoiding waste of fruit & vegetables throughout the year and adding to nutritional standard of the people. It could also provide facilities for preparation of weaning food to the people in their respective areas.

During the last year of the 7th Plan i.e 1989-90 3.50 lakhs was provided for construction of the Centre building, An outlay of Rs. 20 lakhs only is, therefore, proposed during 8th Plan period for continuation and carrying out the works programme 1990-95 = Rs. 20 lakhs.

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STATEMENT - II

SUPPLEMENTARY NUTRITION PROGRAMME AND MIDDAY MEAL PROGRAMME

S1. No.	Name of Scheme	Unit	1989-90 level achievement	8th Plan target 1985-90	1990-91 target	1991-92 target
1	2	3	4	5	6	7
1.	<u>NUTRITION</u>					
	S.N.P	persons	72,500	72,500 per yr.	72,500	72,500
	M.D.M	persons	15,000	20,000 per yr.	20,000	20,000
II.	Community food and Nutrition extension Centre.	Centre	1	-	-	-
TOTAL :		person	87,500	92,500	92,500	92,500

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STATEMENT - I

FINANCIAL
SUPPLEMENTARY NUTRITION PROGRAMME

Sl. No.	Name of Scheme	1989-90 expdr.	8th Plan targets.	1990-91 outlay proposed.	1991-92 outlay proposed
1	2	3	4	5	6
1.	<u>NUTRITION</u>				
	i) Special Nutrition programme.	98.00	707.00	97.08	108.05
	ii) Midday Meal Programme	3.50	23.00	2.92	3.50
II.	Community Food & Nutrition extension Centre.	3.50	20.00	-	8.00
TOTAL :		105.00	750.00	100.00	120.00

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DRAFT 8TH FIVE YEAR PLAN 1990-1995 PRISONS DEPARTMENT

The role played by the Prisons Department in the administration of the State especially on law and order problems is gaining importance. Jail population is doubling up in all the Jails is overcrowded, e.g. the Central Jail having a capacity of 200 inmates is having over 450 inmates throughout. At the same time, the Government of India has advised all the States to construct Sub-Jails in all the civil Sub-Divisions wherever civil Sub-Divisions are functioning. However, the State Planning Board has advised to include construction of only one Sub-Jails in one of the four Civil Administrative Sub-Division. The State Government has given priority on the sector of dealing with Drug trafficking and Re-addiction which itself involves a high percentage of increase in Jail population.

Though the Prisons Department have been allotted a Major Plan head, the Department have not been preparing Annual Plan till 1988-89 when the first Annual Plan was prepared. As such, plan allocation for the 7th Five Year Plan have not been made to the department. However, in consultation with the Planning Department, Government of Madhya Pradesh, Annual Plan for 1988-89 was prepared and a token provision Rs.28.00 lakhs was again allotted to the department for the Annual Plan 1989-1990.

Over and above, the two Annual Plans shown above, a total provision of Rs.147.00 lakhs was spent under Upgradation of Administration for 1987-1988 and 1988-1989. The amount was made available to the Department from the fund given by the Eight Finance Commission. Thus the total expenditure during the last two years of the 7th Plan comes to Rs.125.00 lakhs.

A discussion on approach to the 8th Five Year Plan was held on 11.8.1939 with the working Group of the State Planning Board under the Chairmanship of the Vice-Chairman, State Planning Board in which the requirement of the Prisons Department itemwise was clearly pointed out. The Department originally proposed an outlay of Rs. 510.00 lakhs for the 8th Five Year Plan. The working Group after careful scrutiny of all the items of works proposed to be taken up during the 8th Five Year Plan, advised the Department to stick to a total of Rs. 400.00 lakhs. The working Group of the State Planning Board recommended that the proposal for construction of Jails at Flabung, Chawngte and Mamit may be dropped and construction of only one Sub-Jail at Lawngtlai may be taken up during the 8th Five Year Plan of the Department.

The break up of the proposed outlay for the 8th Five Year Plan are as follows :-

1. Direction and Administration	-	20.00
2. Jails	-	365.00
3. Jail manufacture (Vocational Training Centre)	-	10.00
4. Other Expenditure :-		
(1) Welfare of prisoners	-	15.00
(2) Modernisation of Jails	-	10.00
		<u>Total : 420.00</u>

ITEMWISE DIRECTION

101 Direction & Administration :

(a) It is imperative to strengthen the Directorate establishment during the 8th Five Year Plan period. The present strength is only that of the skeleton requirement. As the function of the Jail Department is becoming increasingly important it will be necessary to have strong supporting officer and staff. Toward end in view a provision of Rs. 20.00 lakhs is made for the 8th Five Year Plan.

101 District Jails

(A) All the District Jails need very much improvement and strengthening since they are all at their infancy without any facilities provided in other Jails in the Country. Correctional Administration and Welfare of prisoners cannot be looked into their present state. Therefore, a provision of Rs. 71.00 lakhs is made for the 8th Five Year Plan.

BUILDINGS

(1)	Construction of District Jail Office at Lunglei and Saiha.	-	7.00
(2)	Construction of staff quarters in all the Jails.	-	50.00
	Type I quarters	-	30 nos.
	Type II quarters	-	10 nos.
	Type III quarters	-	3 nos.
(3)	Construction of 4 nos. of Ward for classified prisoners.	-	18.00
(4)	Replacement of over-aged capital stock (buildings) and repairs.	-	39.00
(5)	Construction of 4 nos. of Barrac. for 40 prisoners	-	26.00
(6)	Separation wall of Central Jail, Aizawl District Jail, Aizawl, Lunglei and Saiga.	-	44.00
(7)	Construction of WCL Ward/Cell at Central Jail, Aizawl.	-	11.00
(8)	Compound fencing Central Jail, Aizawl, District Jail, Aizawl, Lunglei and Saiha	-	19.00
(9)	Barbed wire round line fencing at Central Jail, Aizawl, District Jail, Aizawl, Lunglei and Saiha.	-	6.00
			<hr/>
			Total - 220.00

Reconstruction of District Jail, Aizawl

The old District Jail at Aizawl was too small and it was in the centre of marketing area. It could not accommodate the minimum requirement of Jail population as District Jail, Aizawl and there was no more scope of expansion/addition. It was, therefore, abandoned in 1986. The additional District Jail at Armed Veng was converted into the new District Jail, Aizawl. The additional District Jail, Aizawl was not originally constructed in the form of Jail in the strictest sense. For conversion of additional District Jail, Aizawl into District Jail, Aizawl security wall was constructed with the fund provided under Upgradation of Administration costing Rs. 27.80 lakhs. Eight units of type I quarters were also constructed with the fund provided under Upgradation of Administration at the cost of Rs- 9.80 lakhs. There are a number of works unavoidable to be taken up to make it fit for occupation as District Jail. The new District Jail was opened as De-addiction-Cum-Rehabilitation Centre for drug addicts throughout the State and the on-going works can be classified as critical and it has to be completed during the first part of the 8th Five Year Plan. A provision of Rs. 5 lakhs is proposed to be included in the 8th Five Year Plan.

102 JAIL MANUFACTURE (VOCATIONAL TRAINING CENTRE)

Vocational Training in a few trades like handloom, knitting and tailoring, carpentry, cane and bamboo works have been introduced at Central Jail during the 7th Five Year Plan. Training of Jail inmates in such trades are intended to be introduced in other Jails like District Jail, Lunglet and District Jail, Satha. The following posts will be necessary to be created during the 8th Five Year Plan. A provision of Rs. 10.00 lakhs is made to be included in the 8th Five Year Plan.

300 OTHER EXPENDITURE :

A. Welfare of Prisoners

With an intension to implement the recommendation of All India Committee on Jail Reforms towards Welfare aspect of prisoners and their Rehabilitation on their release from the Jails, it is intended to introduce a scheme on Welfare of prisoners, which is mainly a staff oriented scheme. For, this aspect has been completely neglected in Mizoram and it is a bold but very important step in the correctional administration, which is the main function of Jail Administration in India and abroad. Total financial outlay for the scheme is Rs. 15.00 lakhs.

B. Modernisation of Jails

During 1987-88 to 1989-90 i.e. three years, the Government of India have sanctioned Rs. 9.60 lakhs as Central share on 50% contribution for Modernisation of Jails. 50% of the same has to be borne by the State Government. Uptill now, the Government of India have not indicated its intention or otherwise of continuing the scheme of Modernisation of Jails. However, the scheme is very essential and a proposal for inclusion of the scheme of Rs. 10 lakhs as a State share is included in the Plan.

(b) GOVT. PRESS WING (PRODUCTION CENTRE) AT LUNGLEI :

The Govt. Press Wing at Lunglei with a very much limited capacity was proposed to be turned into a production Centre to print and produce all the prescribed forms used in Govt. Offices. Construction of the building for the Govt. Press started during 7th Plan with the total estimate cost of Rs. 47 lakhs. At present 73% of the construction work is completed and Rs. 16.34 lakhs is estimated for completion of the remaining works.

Rs. 5.00 lakhs is earmarked during 1990-91 and Rs. 12.00 lakhs during 1991-92 for completion of this Project.

(c) PURCHASE OF MACHINERY & EQUIPMENT.

The size and capacity of the Govt. Press at Aizawl and its wing at Lunglei is too small to cater to the need of all demands from Govt. Offices. To cope with the increasing demands the capacity of the Press has to be enhanced by purchase of more equipments. Moreover the building for Production Centre is expected to be completed soon. As such purchase of new machines will be necessary.

Rs. 40.00 lakhs is earmarked for 8th Plan and Rs. 5.00 lakhs is earmarked during 1991-92.

II SETTING UP OF HANDMADE PAPER MILL : At present these papers of the Govt. Press are carried by Truck and thrown away outside the town which causes time, labour and money waste. Handmade Paper Mill is proposed to be set up during 8th Plan to save these waste.

Rs. 40 lakhs is earmarked for the 8th Plan and the Project is proposed to be started during 1991-92 with a token provision of Rs. 3.00 lakhs during 1991-92.

III IMPROVEMENT OF STATIONERY DEPOS : Prior to 1989 only 45 items of Stationeries are placed at the responsibility of this department (for procurement and distribution to all offices). The Govt. decided in June, 1989 that the procurement and distribution of all items of stationeries will be the responsibility of Printing & Stationery Deptt. (Vide O/M No D.15011/1/89-P&S dt 29.6.89).

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Moreover stationeries which were issued to other deptt/offices - - free of cost have to be sold and issue on payment only to other department offices with effect from 1.4.90 vide Govt. of Mizoram Finance Department Office Memorandum No. As such the administration of stationery department have to be strengthened in order to cope with the increased workload.

The capacity of the existing two stationery Godowns are also found inadequate to accomodate all items of stationeries. Therefore construction of another Godown is considered inexistable.

Rs.10.00 lakhs is earmarked for improvement and expansion of Stationery Godowns during 8th Plan.

IV STAFF QUARTERS : With the rapid increase of printing works and with the introduction of pricing system for the works done by Government Press, it is necessary to have two shifts - day shift and night shift of workers. Moreover the nature of work in Govt. Press require working upto late at night on many occasion. With the proposal for having seperate land and building for Govt. Press, it is felt necessary to accommodate at least minimum staff in the vicinity of the Press building. As such construction of quarters near the Press building is necessary.

Rs. 10.00 lakhs is earmarked for this during 8th Plan.

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XII(B)-I.

DRAFT EIGHT FIVE YEAR PLAN 1990-1995 AND ANNUAL PLAN 1990-1991

GENERAL SERVICES

PUBLIC WORKS - BUILDING:

INTRODUCTION:

The main works of the public buildings have been started during 6th Five Year Plan and is continued till now. The main work under this scheme is construction of Mizoram Houses at various places like New Delhi, Calcutta, Guwahati, Shillong, Silchar, Circuit Houses in various places in Mizoram construction of Mizoram House at Salt Lake City, Calcutta and Directorate Office of Chief Engineer, P.W.D, Aizawl.

In the 7th Five Year Plan the approved outlay was Rs. 200 lakhs against which expenditure was Rs. 255.04 lakhs.

The prominent achievements during 7th Plan are:

- (i) Construction of Circuit House at Lawngtlai.
- (ii) P.W.D Circle Office at Lunglei.
- (iii) P.W.D Division Office at Hmuifang.
- (iv) Field Laboratory for P.W.D.

The prominent works which are on-going and will be spilled over to 8th Plan are :-

- (i) Chief Engineer, P.W.D Office building.
- (ii) Dak Bungalow at Silchar.
- (iii) Construction of Mechanical Workshop at Zomabawk.
- (iv) Treasury Office at Serchhip and
- (v) P.W.D Divisional Office Buildings.

The outlay for 8th Five Year Plan is proposed Rs.850.00 lakhs. The main work under this schemes during 8th Five Year Plan will be construction of Mizoram Houses at New Delhi, Guwahati, Shillong, Salt Lake City at Calcutta Circuit Houses in various places within Mizoram, P.W.D Offices, construction of Godowns for Store Division including stock-rooms at Bairabi Rail Head and construction Deputy Commissioner Office at various places for new districts within Mizoram and also to complete the on-going works taken up during 7th Five Year Plan.

Construction & Administration : The execution works of Public Works Building/Office Mizoram House, Circuit House etc. within and outside Mizoram has been increased and still increasing year after year. One Division No. LIII with three Sub/Divisions was proposed in the Fifth Five Year Plan and was approved along with the Annual Plan of 1987-88. This Division is still to be created.

During the 8th Five Year Plan, Road wings and Buildings wings under P.W.D is proposed to be bifurcated under two separate Chief Engineers. The new post creation necessitated due to the bifurcation are proposed under various heads namely- Mizawl Capital Extension Project, Government Housing and also under Public Works Building. Under one new Division with three sub-divisions will be created during the 8th Plan. Rs. 45.00 lakhs is provided under Direction and Administration for the above mentioned purposes.

The following works have been included in the 8th Plan Schemes:

1. a) Construction of Mizoram House at New Delhi for new building is proposed to be constructed at a cost of Rs. 200 Lakhs for which Rs. 75.00 lakhs is proposed during 8th Plan.
- b) Calcutta Mizoram House is going to have one additional floor at the top of the existing building within Rs. 20 Lakhs for which the provision is kept during 8th Plan.
- c) The Land form of Mizoram House at Guwahati has already been acquired from Government of Assam. Building is yet to be constructed. Rs. 45 Lakhs is kept during 8th Five Year Plan.
- d) For Mizoram House at Shillong the land and building is yet to be acquired. Rs. 45 Lakhs is kept during 8th Five Year Plan for the purpose.
- e) Mizoram House Silchar is complete but Dak Bungalow is under construction. This will be spilled over from the 7th Plan. Rs. 15 lakhs have been kept during 8th Five Year Plan for the purpose to complete the building.

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Construction of Circuit House at various places in Mizoram
are to go up specially in the new district which will be within the present Aizawl District. So Rs. 60 lakhs has been kept for 5 Nos of Circuit Houses during 8th Five Year Plan.

Construction of Mizoram House at Salt Lake City, Calcutta:

The land at Salt Lake City has been given to Government of Mizoram by Government of West Bengal. Till dry Fencing. This work is spilled over from 7th Five Year Plan incurring Rs. 37.50 lakhs. Rs. 230 lakhs is proposed during 8th Five Year Plan to complete the project.

Construction of Chief Engineer, PWD Office at Aizawl.:

Chief Engineer, PWD was having a very old building from the beginning. Now to have a new building construction is going on it will split over from 7th Plan a provision of Rs. 80 lakhs is kept during 8th Five Year Plan to complete the same.

Construction of PWD Offices;

- a) Central Circle Office with two division Office (building division and Aizawl Road Division) and Sub-Division Office is proposed to be constructed at Aizawl at the place where present building and Road Division is situated. Department is not having its own land has been proposed during 8th Five Year Plan to construct the same.
- b) Western Circle Office: This Office is running in a private hired building. So to construct a building of its own Rs. 20 lakhs is proposed for the 8th Five Year Plan.
- c) Eastern Circle Office: This Office is running in private hired building and it has got no building of its own. So Rs. 20 lakhs is proposed for the 8th Five Year Plan to construct the building for the same.

d) Construction of PWD Divisional Office:

Rs. 15 lakhs is proposed for the construction of three divisional Office buildings spilled over from 7th Five Year Plan and will be completed during 1991-92.

Construction of Treasury and Sub-Treasury Office in Mizoram :

The new District which will come up after tri-fercation of Mizawl district will require Office buildings for which Rs. 20.00 lakhs is proposed during 8th P.L. a.

Construction of Godowns for Store Division:

Division is need of some Godowns in various places specially at the Stock Yard at Bairabi Rail Road. So Rs. 20 lakhs is propose for the same during 8th Five Year Plan.

Deputy Commissioner Office Complex:

Deputy Commissioners in various districts are not having their own Offices of required area. Moreover, present Mizawl District may be split up into more district in future. Hence, Rs. 60 lakhs has been proposed in the 8th Five Year Plan to construct the Deputy Commissioner's Office building at Lamlet, Saiba and in the new districts.

XII(t) - I

DRAFT EIGHT FIVE-YEAR PLAN 1990-95 AND ANNUAL PLAN 1990-94

Subj :- OTHER ADMINISTRATIVE SERVICES
(LOCAL ADMINISTRATION)

Introduction : The Department of Local Administration in Mizoram deals with Housing, Urban Development, Town & Country Planning, Panchayats (Village Councils), Municipalities (Town Committees), demarcation of Village Boundaries, Jhumming, inter-Village paths, Street Lights, control of animals and regulation of grazing reserves, slaughter houses, sanitation and environmental improvement of human settlement, Public cemeteries, administration of eating houses and business establishments like restaurants, hotels, workshops, factories, maintenance of all public paths and steps, regulation of Hawkers and roadside Markets and in absence of Municipal bodies, the role of Municipality in the Urban centres particularly in Aizawl and Lunglei. The list is almost endless and there is perhaps no aspect of the life of a common man on which the functions of the Department do not have a direct or an indirect bearing.

There is no other Department having been assigned with such multifarious functions and responsibilities and yet provided with very small plan outlay. The Department has small plan provisions for Housing, Urban Development and Town & Country Planning, but there has been no plan Scheme drawn up towards the internal administration and development of the State in respect of Panchayats (Village Councils), Municipalities (Town Committees), and other matters.

Elsewhere in the Country, there are Directorates of Housing, Directorate of Town & Country Planning, Directorates of Panchayats, Directorates of Municipalities, and so on. While there is every justification for setting up of full-fledged establishments of such Directorates in Mizoram, yet all these establishments are taken together under one Directorate called the Directorate of Local Administration. (Under the Housing Plan, a separate Directorate of Housing is proposed for the 8th Plan).

XII(E)

In view of all these, the Eight Five Year Plan Scheme under the Development Head of Other Administrative Services (Local Administration) is drawn up for Local Administration Plan for the following Schemes -

1. Municipal Body	-	Rs. 333.60 lakhs
2. Panchayats	-	Rs. 210.00 lakhs
3. Markets	-	Rs. 115.00 lakhs
4. Constn. of Dams	-	Rs. 200.00 lakhs
5. Cemetery	-	Rs. 170.00 lakhs
6. Direction & Admn.	-	Rs. 175.04 lakhs
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TOTAL	=	Rs. 1,203.54 lakhs

1. MUNICIPAL BODIES

In Mizoram, no Municipal Body exists so far. Even in the Capital Town Village Council Institutions are established by dividing the town area into a number of Village Council areas. While there are certain advantages of having Village Councils in the towns, the disadvantageous points are obviously more and proving harder. Normally a Village Council tends to maintain separate identity ignoring the problems faced by its neighbouring areas while the developmental schemes as well as Sanitation of the towns are designed for the benefit of the whole Community irrespective of a particular area of inhabitants.

The need of having a Municipal Body for Aizawl Town is felt at every quarter and also every outsiders like group of M.Ps and M.L.s of other States who visited Aizawl held the same feeling. The Street Lights are not installed systematically, the roads are constructed as per conveniences of Individual householders Drains are not constructed at proper places, and so on, Development Works. The reason for all these things is that there is no proper BODY to look after the Administration and Development of Town.

Now that the Government of India is Legislating an Act for Urban Local Bodies with constitutional safeguards as to their establishments, functions, source of revenue, tenure, election etc, it is expected that Mizoram will soon have Municipal Bodies, at least one in Aizawl Town, under the provisions of the Act.

XII(A)

In an infant State like Mizoram, Municipal Body with all its sources of revenues, depletion of resources from State Govt., and direct allocation of Central fund, if any, shall not attain self-sufficiency. It will always be necessary to provide fund from other sources available. It is on this context that proposed 10 projected allocations for the establishment of Municipal Body for Aizawl in Mizoram.

The proposed structure of Municipal Body will consist of the following fund requirements for 5 Years

1) Chairman	1	Rs. 5000/-	Rs. 23,00,000/-
2) Dy. Chairman	1	Rs. 3000/-	Rs. 1,80,000/-
3) Members	10	Rs. 1000/-	Rs. 4,00,000/-
4) Commissioner	1	Rs. 1500-3700/-	Rs. 13,61,500/-
5) Jt. Commissioner	1	Rs. 4500-5700/-	Rs. 3,61,500/-
6) Administrative Officer	1	Rs. 2200-4000/-	Rs. 1,99,230/-
7) Sanitation/Health Officer	1	Rs. 2200-4000/-	Rs. 1,99,230/-
8) Asstt. Sanitation/Health Officer	3	Rs. 2000-3500/-	Rs. 5,58,000/-
9) Steno I & II	2	Rs. 1640-2900/-	Rs. 3,39,660/-
10) Sanitary Inspectors	10	Rs. 1200-2040/-	Rs. 12,45,600/-
11) Assistant	5	Rs. 1640-2900/-	Rs. 7,68,300/-
12) U.D. C.	8	Rs. 1400-2300/-	Rs. 9,96,480/-
13) L.D. C.	5	Rs. 1200-2040/-	Rs. 6,22,800/-
14) Drivers	8	Rs. 950-1400/-	Rs. 7,52,640/-
15) IV Grade	15	Rs. 750-940/-	Rs. 10,44,000/-
16) Sweepers	100	Rs. 750-940/-	Rs. 69,60,000/-
Technical Wing			
1) E.E., P.W. D.	1	Rs. 3000-4500/-	Rs. 2,72,700/-
2) AE/SDD, PWD	1	Rs. 2000-3500/-	Rs. 1,86,000/-
3) O.E., PWD	5	Rs. 1400-2600/-	Rs. 8,22,800/-
4) S.A. PWD	8	Rs. 950-1500/-	Rs. 7,52,640/-
5) SDD, PHE	1	Rs. 2000-3500/-	Rs. 1,86,000/-
6) J.E., PHE	3	Rs. 1400-2500/-	Rs. 9,73,680/-
7) S.A., PHE	6	Rs. 950-1500/-	Rs. 5,64,480/-
8) SDD, P&E	1	Rs. 2000-3500/-	Rs. 1,86,000/-
9) J.E. P&E	3	Rs. 1400-2600/-	Rs. 3,73,680/-
10) Electrician	5	Rs. 1400-2600/-	Rs. 6,22,800/-
TOTAL	=		Rs. 1,83,50,490/-
SAY	=		Rs. 183,50 lakhs

XII (E)

In addition to this, provisions for Vehicles, Offices, Instruments, Stationeries, etc. are necessary which will amount to a Lump sum provision of Rs. 30 lakhs every Year, i.e. Rs. 150 lakhs for the 8th Plan.

It is, therefore, proposed that a Plan outlay of Rs. 333.50 lakhs is allocated for the establishment of Municipal Body in Mizoram. The Year-wise break up of the provision will be

1990-91	Rs. 62.20 lakhs
1991-92	Rs. 64.45 lakhs
1992-93	Rs. 66.70 lakhs
1993-94	Rs. 68.95 lakhs
1994-95	Rs. 71.20 lakhs
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TOTAL	= Rs. 333.50 lakhs

2. PANCHAYATS

Following the 64th Constitutional Amendment and the amendment of the Panchayat Raj Act 1989 it becomes imperative to re-structure the Village Councils in Mizoram. Leaving aside the adaption of the whole Act, the idea is to amend in large measure the present system according to the spirit contained in the relevant provisions of the Act as may be found suitable, with a sole objective of strengthening the Village Councils and leading them to broader view in the Economic Plan of the Country.

The idea envisaged in the Project is to establish Block-wise Committee in the rural areas in which all the presidents and Secretaries in the Village Councils within the Rural Development Block shall become Members. The MLA concerned shall be Honorary Chairman of the Committee and the Block Development officer as Working Chairman. The Members shall elect from amongst themselves Working Vice-Chairman for a term of 3 Years. The Secretary of the Committee shall be a Government Official called the Assistant Circle Officer of LAD according to the memorandum of the Department. The Committee development, population-wise distribution of Fund, and other minor Development Schemes. Actual implementation will be left to a particular Village Council according to the Schemes or Fund allotment for its Village. In the administration aspects, the Committee can discuss common problems and take decision on them in the matters of Land allotment, forestry, Grazing Reserves, Social Justice, etc.

XII (B) 11 g

In this way the Committee can become an useful instrument in doing away with the tendency of maintaining separate identity by each and every Village Council, and in bringing them to broader views of development plans for the benefit of the whole community. Through the Committee, the Village Councils can have a more economical opinion of the Government and its advisory functions may be helpful for the Government. Certain provisions of the Panchayati Raj Act have provided powers and authority to undertake planning and construction of development and social justice centres by Panchayat Village Council through the Committee.

Financial provisions for Requirement of funds for the same are classified as under :-

1) Salaries of Panchayats (Village Councils)	-	Rs. 150.00 lakhs
2) Construction of Residence cum-Office of A.C. O. in 25 Development Blocks	-	Rs. 50.00 lakhs
3) *A/DA of Panchayats Members for attending committees, etc.	-	Rs. 10.00 lakhs
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TOTAL =		Rs. 210.00 lakhs
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3. MARKET

4(four) existing Markets in four wards of Aizawl Town viz. Vaivakawn, Baumkawn, Bethlehem and Kawltheihuan have been run in poor conditions and a plan scheme is projected for their improvement. These markets are all very useful to the Public and are also permanent source of Government revenues. The proposed improvement works will be special repairs and renovations in the case of Vaivakawn, Baumkawn and Bethlehem and extension in the case of Kawltheihuan with construction of vegetable platforms, meat stalls and seat for merchandise goods in all the cases. The rough estimates for the first three Markets are Rs. 25 lakhs each, and Rs. 40 lakhs for extension of Kawltheihuan Market. Year-wise requirement of fund may be as under :-

1990-91	Rs. 20.00 lakhs for initial works
1991-92	Rs. 40.00 lakhs for continuation
1992-93	Rs. 40.00 lakhs for continuation
1993-94	Rs. 12.00 lakhs for Vegetable platforms, meat stall etc.
1994-95	Rs. 3.00 lakhs for completion
TOTAL	Rs. 115.00 lakhs

XII(E)

4. Construction of Dams across Chite lui and Tuikual 'A', Aizawl.

Two perennial streams flowing on both sides of Aizawl Town are called Chite lui in the eastern side and the other called Tuikual in the Western side, have a deep sensitive cognition of all Aizawlians. There are some symphonic compositions of the streams and those compositions of Aizawl Town about the sensation, significance and usefulness of the streams, To the first settlers of Aizawl Town, the two streams were the part and parcel of the town, deeply connected with their way of life and it was perhaps with a view to utilising the benefits of the two streams that Aizawl town was first inhabited at the two locations almost a century ago.

So important, sensational and useful though the streams have been, yet there had no scheme projected towards developing and beautifying them. The Council of Ministers of Mizoram in its meeting on 17-7-89 recorded a need of Constructing Dams across the two Streams. The Cabinet note left aside the Financial Memorandum as there had been no plan or Non-Plan outlay for the project. It therefore becomes imperative to project a Plan involving of financial Outlay for construction of Dams across the Streams. This Project is to be taken as pilot project because there can be and shall be numerous ways of utilising them in future, more than one can foretell today. Obviously Botanical Garden can be located on the bank to be fed by the Dams, Micro-Hydel Projects can be expected afterwards and so on and so forth. This will be a beautiful Tourist spot and one of the sources of Revenue for the Mizoram.

For immediate use the proposed Dams would be highly useful and beneficial to the Public, Aizawl Town is located on hilly and irregular topography of Landscape. Due to the peculiar characteristics of the Soil which is very loose, the soil cannot store water and water is very scarce in dry seasons. For 6 or 7 Months every Year water is big problem, and the people have to go to R.Tlang, over 20 km distant, to wash their clothes and to clean their Vehicles. If the proposed Dams could be constructed, Water stored therein would be of immense benefits for washing and cleaning Vehicles.

XII(E)

Detailed estimates for the Dams are not yet worked out so this financial project is for a lump sum or token provision, say Rs. 1.00 crore each, with year-wise break-up as follows :-

1990-91	Rs. 20.00 lakhs for initial works
1991-92	Rs. 50.00 lakhs for construction
1992-93	Rs. 50.00 lakhs for construction
1993-94	Rs. 70.00 lakhs for construction
1994-95	Rs. 10.00 lakhs for completion.
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TOTAL =	Rs. 200.00 lakhs
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5. CEMETRY

There had been no improvement work implemented towards the maintenance or improvement of Cemeteries in Mizoram, every Villages and every locality in the town have their own cemeteries taking in their hand, the responsibility of use and control, but none of them taking interest as to how to improve and maintain them. With the enforcement of the Mizoram (Sanitation) Rules, 1980 a need has arisen to control, preserve and maintain cemeteries for proper administration, public health and Sanitation. Therefore, a proposal is hereby made to take up Cemeteries as Plan Schemes for the Seventh Five Year Plan as follows :+

- a) Common Cemetery for Aizawl Towns : Cemeteries in various localities of Aizawl Town are old and congested, with no space for extension in all cases. It can be predicated that a time will soon come when many localities shall have no Cemetery to bury dead bodies. Hence an urgent need has been felt to have a common cemetery for the whole Aizawl Town, by acquiring suitable stretch of land for the purpose. An outlay of Rs. 120 lakhs is therefore proposed for the 8th Plan as follows :-

1)	For acquiring Land	-	Rs. 80 lakhs
2)	For construction of approach road.	-	Rs. 30 lakhs
3)	For environmental improvement	-	Rs. 10 lakhs
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XIIE)

B) Village Cemeteries : Cemeteries in Villages which are halded and barron can be maintained in such a way that they become Parks or Recreational Place, by planting trees and flowers, and by construction flower spreads. Without of huge expenditure, this can be done by utilising the services of voluntary organisations like Y.M. A. A part from the proposed beautification works, the scheme will impart in the minds of the people a sacred ideas of preserving trees and flowers. For the 8th Plan, it is proposed to take up 100 nos. of Villages Cemeteries. Once successfully started all other Villages shall follow suite. For this purpose an outlay of Rs. 50 lakhs is proposed (@ Rs. 0.50 lakhs per Cemetery), for tree and flower planting with procurement of seeds, roots and cuttings, and for construction of flower spreads, etc. as follows :-

1990-91	Rs. 8.00 lakhs for 16 Cemeteries
1991-92	Rs. 9.00 lakhs for 18 Cemeteries
1992-93	Rs. 10.00 lakhs for 20 Cemeteries
1993-94	Rs. 11.00 lakhs for 22 Cemeteries
1994-95	Rs. 12.00 lakhs for 24 Cemeteries
	Y
TOTAL =	Rs. 50.00 lakhs for 100 Cemeteries.

6. DIRECTION & ADMINISTRATION

- a) For Municipalities and Panchayats, 1 Deputy Director, 1 Assistant Director, 1 Superintendent, 3 Assistants, 2 U.D. Cs, 1 Driver and 4 IV Grade will be urgently required to deal with the Municipalities and Panchayats from the Directorate level.
- b) For Panchayats as cludated at para 2 of the Plan, 25 Posts of Assistant Circle Officer, 25 Posts of U.D.C. , 25 Posts of L.D.C. and 50 Posts of IV Grade shall be the minimum requirement.

- 9 -

XLI(E)

The financial involvement of these proposed posts are worked out in details as follows :-

1990-91	Rs. 32.01 lakhs
1991-92	Rs. 33.51 lakhs
1992-93	Rs. 35.01 lakhs
1993-94	Rs. 36.51 lakhs
1994-95	Rs. 38.00 lakhs

TOTAL = Rs.175.04 lakhs

DESCRIPTION OF EIGHT FIVE YEAR PLAN

1. In 1983 the Government of Mizoram set up a small Training Institute called 'Administrative Training Institute'. It was not within the purview of Plan Scheme from the Seventh Five Year Plan (1985-90).

2. During the 7th Plan, an out-lay of Rs 50.00 lakhs was approved for the Institute which was unfortunately reduced further through the process of phasing of Annual Plan to Rs. 39.00 lakhs.

3. With the petty outlay, the Institute could hardly build up its infrastructure and the Institute is still hovering in its infant stage. The Institute is accommodated in a private building.

4. The following achievements were made during the 7th five year plan :

Year	No. of programme	No. of participants
1985 - 86	4	72
1986 - 87	4	99
1987 - 88	5	124
1988 - 89	6	142
1989 - 90	9	210
TOTAL	28	647

5. OBJECTIVES OF THE EIGHT FIVE YEAR PLAN :

The existing infrastructure and in-inputs cannot meet the needs. The State Planning Board approved, in principle setting up of a residential Training Institute of a medium size as per norms laid down by the Government of India. Our objectives therefore are :-

(a) To have minimum expansion by raising the infrastructure and inputs of the Institute immediately for widening its coverage.

(b) To start constructions of the building components of the proposed residential Training Institute.

6. As already stated, the existing Training Institute is accommodated in a private building with yearly expenditure of about Rs 3.00 lakhs on account of rent which is not desirable.

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But there is no building for the Institute. As per norms laid down by the Government of India, the building components will be for :-

- (i) Lecture Halls - 4 nos.
- (ii) Conference Hall - 1 no.
- (iii) Library Room - 2 nos.
- (iv) Administrative Block -
- (v) Store Room
- (vi) Hostel for 75 Boarders with dining Hall, Kitchen etc.
- (vii) Residential Quarters.

The cost of construction will be about Rs. 100.000 lakhs. There is a hand for the proposed Institute.

7. The outlay of Rs 80.00 lakhs now tentatively ear-marked for training cannot cover the proposed Institute. However, it will be possible to start the construction works in the later years of the Eight Plan for which a token provision of Rs 20.00 lakhs is proposed. The outlay of Rs 80.00 lakhs tentatively ear-marked may be augmented atleast to Rs 100.00 lakhs. the uncompleted project shall have to be spilled over to this Ninth Five Year Plan.

8. DISTRIBUTION OF OUTLAY OF Rs 100.00 LAKHS

		OUTLAY					
Sl. No.	Item	1990-91	1991-92	1992-93	1993-94	1994-95 To	
1.	Direction & Admn.	10.00	15.00	17.00	18.00	20.00 80	
2.	Building (Capital outlay)	-	-	-	10.00	10.00 20	
		10.00	15.00	17.00	28.00	30.00 100	

1
DRAFT 8TH FIVE YEAR PLAN (1991-95) & 7TH PLAN 1991-92

1. OUTLAY AND EXPENDITURE DURING THE SEVENTH PLAN

MIZORAM

Code/No.	Major Head/Minor Head of Development.	Rs. in Lakhs.					
		1989-90			Total Seventh Plan		
		Approved outlay	Budgetted outlay	Expenditure	Approved outlay	Budgetted outlay	Expenditure
1	2	3	4	5	6	7	8
101000000	AGRICULTURE & ALLIED ACTIVITIES	1079.00	1736.05	1705.47	5524.57	6405.37	6541.66
101240100	- CROP HUSBANDRY						
001	- Direction & Administration	50.00	45.00	59.13	249.50	195.05	349.76
002	- Food Grain Crops	300.00	300.00	296.81	551.00	731.09	835.29
104	- Agriculture Farms	12.00	12.00	11.83	56.00	56.00	61.94
105	- Manures and Fertilizers	29.00	29.00	19.32	50.50	90.82	92.76
107	- Plant Protection	12.00	12.00	10.17	36.00	36.00	34.68
108	- Sugarcane and Other Commercial Crops.	24.00	24.00	9.97	82.00	82.00	41.58
109	- Extension and Training	21.00	21.00	24.91	103.50	103.80	107.60
110	- Crop Insurance	-	-	-	4.00	4.00	-
113	- Agriculture Engineering	24.00	24.00	15.42	94.50	94.50	113.74
115	- Assistance to Small and Marginal Farmers.	50.00	50.00	50.00	100.00	100.00	96.66
119	- Horticulture & Vegetable Crops	80.00	80.00	72.81	320.00	314.75	261.63
800	- Other Expenditure						
	i) Watershed Management	36.00	36.00	32.43	87.00	94.50	79.12
	ii) State Soil Survey Organisation	7.00	7.00	6.60	24.00	24.00	22.12
	SUB-TOTAL 800 :	43.00	43.00	39.08	62.00	110.52	101.30
2401	TOTAL CROP HUSBANDRY :	645.00	640.00	639.55	1705.00	1,926.51	2,006.88

Contd... 2/-

1	2	3	4	5	6	7	8		
101	2402	00	<u>Soil & Water Conservation</u>						
	001	Direction & Administration		41.46	46.05	48.05	157.45	151.05	150.45
	101	Soil Survey & Testing		1.00	1.50	1.50	5.50	4.70	3.90
	102	Soil Conservation		44.25	42.77	42.77	102.10	140.87	146.32
	103	Land reclamation & Development		36.39	26.77	26.77	107.01	149.35	159.00
	109	Exten. Training		5.52	5.52	5.52	16.77	13.52	13.52
	000	Other Expenditure		17.40	8.00	8.10	39.90	38.90	30.60
	TOTAL :-			146.62	130.59	130.59	552.94	490.87	512.00

1	2	3	4	5	6	7	8	9	REMARKS	6
10100	2403	<u>ANIMAL HUSBANDRY :</u>								
	001	- Direction		10.70	17.10	11.25	66.70	72.00	69.49	The actual expenditure figures shown at column 8 does not include fund transferred to NLUP and surrendered for Industrial fans.
	001	- Administration		11.05	9.70	12.20	80.95	81.15	55.60	
	100	- Vety. Education & Research		17.97	18.00	17.93	44.97 45.90	44.90		
	101	- Vety. Services & Animal Health		27.67	29.50	24.60	140.77	150.00	137.27	
	113	- Information & Statistics		4.00	4.00	3.55	11.00	11.90	10.66	
	102	- Cattle Development		62.59	25.85	27.32	235.30	171.45	172.67	
	103	- Poultry Development		39.19	20.90	30.65	122.49	109.55	104.90	
	105	- Piggery Development		20.30	14.72	18.30	121.07	95.02	90.15	
	106	- Other Livestock Development		3.60	2.50	2.50	12.75	13.55	9.15	
	107	- Feed & Fodder Development		9.75	9.65	10.20	40.25	41.30	40.07	
	000	- Other Expenditure		10.10	10.10	9.35	49.10	43.30	37.47	

1	2	3	4	5	6	7	8
001	Daily & Milk Supply	7.00	7.00	7.00	4.25	40.60	45.00
	TOTAL . -	252.00	275.92	275.92	977.10	908.52	826.20

I. AGRI-CULTURE & ALLIED ACTIVITIES

101	2405						
	00 Fisheries						
	001 <u>Direction & Administration</u>	10.00	10.00	15.416	36.03	36.03	40.13
	101 <u>Inland Fisheries :-</u>						
	i) Fish Seed Production cum-farming	10.00	10.00	12.136	36.05	36.05	34.22
	ii) Demonstration Farm	7.25	7.25	9.416	21.07	21.07	29.50
	iii) Composite Fish Culture	-	-	-	3.50	3.50	1.20
	iv) Paddy-cum-Fish Culture	-	-	-	3.40	3.40	1.60
	v) Assistance to Pisciculturists	20.40	20.40	9.060	57.35	57.35	53.04
	109 <u>Extension & Training</u>						
	i) Education & Training	0.35	0.35	0.230	1.60	1.60	0.06
	ii) Extension	1.20	1.20	2.551	3.00	3.30	4.63
	000 <u>Other Expenditure</u>						
	i) Construction of Buildings	-	-	-	13.15	13.15	7.72
	T O T A L :-	50.00	50.00	49.62	175.75	175.75	173.94

101 2406 00 FORESTRY AND WILDLIFE

	01 <u>FORESTRY</u>						
	001 <u>Direction & Administration</u>	41.75	53.00	45.40	222.30	202.45	203.80

Contd.,...4/-

1	2	3	4	5	6	7	8
005	Survey & Utilisation of Forest Resources	22.50	21.00	18.05	73.44	71.26	56.55
013	Statistics	4.50	15.00	2.71	62.29	49.02	13.06
070	Communication & Building	92.00	92.00	93.13	346.00	357.00	320.13
190	Assistance to Public Sector & other undertaking.	-	-	-	-	-	-
101	Forest Conservation & Development	34.00	29.00	23.62	106.72	69.37	63.72
102	Social & Farm Forestry	00.00	00.00	02.00	153.00	145.00	153.00
105	Forest Produce	9.00	9.00	7.16	45.73	20.00	9.21
109	Extension and Training	21.00	21.00	14.05	00.73	03.99	41.05
000	Other Expenditure	3.00	5.00	3.14	12.00	10.57	7.54
02	<u>ENVIRONMENTAL FORESTRY & WILDLIFE</u>						
110	Wildlife Preservation	30.00	30.00	27.03	181.05	99.02	67.03
111	Zoological Parks	-	-	-	-	-	-
112	Public gardens	-	-	-	-	-	-
000	Other Expenditure	-	-	-	-	-	-
03	<u>WASTELAND DEVELOPMENT</u>						
101	National Wasteland Development Programme	262.25	245.00	202.07	927.09	940.61	1112.71
T O T A L :-		600.00	600.00	500.00	2140.20	2057.20	2057.20
001.2407	00 Plantation	60.00	53.34	53.34	352.50	313.90	246.00
001.2435	00 LINER PROGRAMME						
101	Agriculture Marketing	32.00	32.00	31.00	122.00	134.26	129.07

1	2	3	4	5	6	7	8
<u>101 2415 00 AGRICULTURE RESEARCH & EDUCATION</u>							
(a) Crop Husbandry		5.00	5.00	4.57	10.20	10.20	19.12
(b) Soil Conservation		NIL	NIL	NIL	NIL	NIL	NIL
<u>101 2425 00 COOPERATION</u>							
001 - Direction & Administration		23.43	23.43	23.43	105.00	117.05	117.05
003 - Training		1.50	1.50	1.50	9.50	3.65	3.65
004 - Research & Evaluation		-	-	-	0.90	0.49	0.49
101 - Audit of Cooperatives		0.70	0.70	2.70	4.55	2.03	2.03
105 - Information & Publicity		-	-	-	1.10	-	-
106 - Asstt. to Multi.Rural Coop.		10.00	10.00	10.00	32.25	24.12	24.12
107 - Asstt. to Credit Coops.		6.30	6.30	6.30	54.30	57.30	57.30
108 - Asstt. to other Coops.							
(1) Coop. Processing		1.30	1.30	1.30	9.30	7.50	7.50
(2) Coop. Storage		3.00	3.00	3.00	9.50	6.04	6.04
(3) Consumer Coops.		10.00	10.00	10.00	40.00	44.50	44.50
109 - Agri. credit Stab. Fund		0.30	0.30	0.30	0.55	0.55	0.55
190 - Asstt. to Public Sector & Other undertakings.		-	-	-	-	-	-
277 - Education		4.70	4.70	4.70	30.27	42.96	42.96
000 - <u>Other Expenditure</u>		30.69	30.69	30.69	02.20	02.49	02.49
T O T A L :-		100.00	100.00	100.00	339.02	391.16	391.16

Contd...5/-

1	2	3	4	5	6	7	8
102 0000 00	<u>RURAL DEVELOPMENT</u>	<u>460.00</u>	<u>483.47</u>	<u>478.46</u>	<u>1147.00</u>	<u>868.13</u>	<u>1127.21</u>
102 2501 01	Spl. Programme for Rural Development Deptt.						
	01 I.R.D.F.						
100 (1)	<u>Main Programme</u>						
001	Direction SLMC & IAC	4.50	4.50	4.18	NIL	7.00	6.68
101	Subsidy to DRDAs	97.10	97.90	97.90	NIL	186.80	186.80
200 (11)	<u>Allied Programme of IRDP</u>						
201	Administration Block Level	6.80	26.51	25.00	NIL	32.16	47.84
202	DWCRA	4.60	5.10	4.60	NIL	8.93	8.33
203	TRYSEM Infrastructure	2.00	2.10	2.06	NIL	3.78	3.78
102 2505 00	<u>RURAL EMPLOYMENT</u>						
	01 National Programme NREP/JRY	35.00	37.46	37.48	NIL	58.46	58.48
	<u>Grand Total</u>	<u>150.00</u>	<u>173.47</u>	<u>171.12</u>	<u>NIL</u>	<u>297.13</u>	<u>311.91</u>
102 2501 04	<u>IRDP</u>	<u>15.00</u>	<u>15.00</u>	<u>15.00</u>	<u>57.00</u>	<u>59.00</u>	<u>65.66</u>
102 2515 00	<u>OTHER RURAL DEVELOPMENT PROGRAMME</u>						
	001 Direction & Admn.	5.00	5.00	5.00	37.00	65.00	5.00
102	<u>COM. DEVELOPMENT</u>						
(a)	Social Education	47.605	47.605	44.943	221.50	175.00	242.170
(b)	Health & Sanitation	7.80	7.80	7.80	221.50	175.00	242.170
(c)	Rural Communication	21.595	21.595	21.595	22.00	20.00	22.47
					56.50	30.00	68.515

	2	3	4	5	6	7	8
(d) Housing for Project Staff		13.00	13.00	13.00	11.20	110.00	79.284
(e) Rural Housing		170.00	170.00	170.00	170.00	170.00	220.00
TOTAL		265.00	265.00	262.34	502.20	570.00	637.64
<u>102 250 600 LAND REFORMS</u>		<u>30.00</u>	<u>30.00</u>	<u>30.00</u>	<u>112.20</u>	<u>112.00</u>	<u>112.00</u>
001 Direction & Administration		6.00	6.00	6.00	112.20	112.00	112.00
103 Maintenance of Land Records		17.50	17.50	17.50			
800 Other Expenditure		6.50	6.50	6.50			
<u>104 3000 00 IRRIGATION & FLOOD CONTROL</u>		<u>203.00</u>	<u>182.00</u>	<u>203.00</u>	<u>728.50</u>	<u>713.85</u>	<u>758.65</u>
<u>104 2701 00 Major & Medium Irrigation</u>							
<u>04 Medium Irrigation -Non-Commercial.</u>							
005 Survey & Investigation (Mat valley Project) including Flood control.		40.00	19.00	40.00	112.50	71.00	74.40
TOTAL		40.00	19.00	40.00	112.50	71.00	74.40
<u>1 04 2702 00 MINOR IRRIGATION</u>		<u>163.00</u>	<u>163.00</u>	<u>163.00</u>	<u>61.00</u>	<u>642.85</u>	<u>684.17</u>
<u>01 Surface Water</u>							
101 Individual Water Tank							
102 Lift Irrigation		120.00	12.00	23.24		73.70	535.02
800 (1) Flow Irrigation			106.50	93.64	350.10	443.24	
104 Ayecut Development		3.00	3.00	0.13		3.00	
<u>80 GENERAL</u>							
001 Direction & Administration		40.00	21.50	25.99	123.00	117.00	149.15
Ground Water Development							

	2	3	4	5	6	7	8
105280000 W. ENERGY		1813.00	1813.00	1842.00	1773.25	6049.44	6306.43
10528100 Power							
01 Hydel Generation							
102 i Serlui 'A' Minihydel (1MW)		-	-	-	5.00	5.00	5.82
ii Khawiva Minihydel (1.05MW)		-	-	-	247.00	250.00	289.79
iii Tuirivang Minihydel (0.3MW)		-	-	-	92.00	155.00	211.38
iv Tuipui Minihydel (0.5MW)	90.00	90.00	90.00	103.15	140.00	133.00	129.09
v Tuisumpui Minihydel (0.45MW)	80.00	80.00	80.00	110.34	120.00	114.00	124.78
vi Maicham Minihydel (2MW)	100.00	100.00	100.00	57.00	150.00	143.00	79.01
TOTAL		270.00	270.00	270.57	477.15	800.00	840.67
04 Diesel/Gas Power Generation							
300 i 5.10MW Diesel Scheme		-	-	-	5.00	5.00	16.91
ii 3.80MW Diesel Scheme	79.00	79.00	79.00	75.43	594.00	555.00	544.25
iii Other Diesel Schemes		-	-	-	73.00	73.00	60.80
Total Diesel		79.00	79.00	75.43	672.00	633.00	621.96
Total Generation		349.00	349.00	346.00	1379.00	1433.00	1462.63
05 Transmission & Distribution							
300 A. Transmission							
a) 6th Plan Transmission Scheme							
i) 132 KV Aizawl-Lunglei line					222.00	265.00	644.31
ii) Improvement of 66KV Dullabcherra-Aizawl line					40.00	40.00	18.26
iii) 132KV Aizawl Sub-Station	25.00	25.00	25.00	95.29	324.00	337.00	395.89
iv) 132KV Serchhip Sub-Station	71.00	71.00	71.00	60.00	288.00	291.00	241.95
v) 66KV S/S at Zemabawk, Kelesib and Vairengte.					20.73	20.73	44.84
vi) 33KV Lunglei Sub-Station					35.27	76.27	65.25
Total (a)		96.00	96.00	175.29	930.00	1030.00	1410.70

1	2	3	4	5	6	7	8
b)	<u>7th Plan Transmission Scheme</u>						
i)	Augmentation of 132KV Aizawl Sub-Station	-	-	-	46.00	109.66	164.74
ii)	Upgradation of 33KV Lunglei S/S to 132KV level	121.00	121.00	119.00	221.00	221.00	206.61
iii)	66KV W.Phaileng Sub-Station	40.00	40.00	15.00	51.00	51.00	15.56
iv)	66KV Saitual Sub-Station	20.00	20.00	6.50	31.00	31.00	7.70
v)	66KV Khawzawl Sub-Station	30.00	30.00	6.20	41.00	41.00	7.70
vi)	33KV E.Lungdar Sub-Station	6.00	6.00	-	9.00	9.00	-
vii)	33KV Marpara Sub-Station	4.00	4.00	-	4.00	4.00	-
viii)	33KV Lungsen Sub-Station	8.00	8.00	-	8.00	8.00	-
ix)	33KV Lawngtlei Sub-Station	-	-	-	1.00	1.00	-
x)	<u>132 KV lines</u>						
	Zemabawk - Khawzawl (110 KM)	185.00	185.00	180.00	235.00	244.25	215.13
	Zemabawk - W.Phaileng (75 KM)	125.00	125.00	109.62	165.00	171.25	123.76
	Serchhip - E.Lungdar (45 KM)	20.00	20.00	-	20.00	27.25	-
	Serchhip - Marpara (100 KM)	40.00	40.00	-	40.00	41.00	-
	Lunglei - Lungsen (40 KM)	20.00	20.00	-	20.00	20.00	-
	<u>Total b)</u>	<u>621.00</u>	<u>621.00</u>	<u>427.32</u>	<u>694.00</u>	<u>979.41</u>	<u>741.20</u>
	<u>Total Transmission</u>	<u>717.00</u>	<u>717.00</u>	<u>602.61</u>	<u>1824.00</u>	<u>2009.41</u>	<u>2151.90</u>
	<u>B. DISTRIBUTION</u>						
i)	Normal Distribution	210.00	210.00	324.39	820.79	860.79	863.75
ii)	Master Plan for system Improvement in Aizawl Town.	150.00	150.00	150.00	280.00	283.00	236.12
	<u>Total Distribution</u>	<u>360.00</u>	<u>360.00</u>	<u>474.39</u>	<u>1100.79</u>	<u>1143.79</u>	<u>1099.87</u>
15.	<u>Rural Electrification</u>	<u>350.00</u>	<u>350.00</u>	<u>379.00</u>	<u>1303.50</u>	<u>1297.24</u>	<u>1418.76</u>

1	2	3	4	5	6	7	8
80	General						
800	i) Investigation of Hydel Projects	15.00	15.00	15.00	31.00	81.00	88.86
	Total Power	1791.00	1791.00	1817.00	5694.35	5954.44	6220.02
105281000	Non-Conventional Sources of Energy.	22.00	22.00	25.00	99.00	95.00	86.41
	Total Energy (Power & NSCE)	1813.00	1813.00	1842.00	5733.35	6049.44	6306.43
1 06 0000 00	<u>VI. INDUSTRY AND MINERALS</u>	<u>650.00</u>	<u>615.50</u>	<u>603.76</u>	<u>2,032.55</u>	<u>1965.65</u>	<u>1955.60</u>
1 06 2851 00	<u>Village & Small Industries</u>						
001	Direction & Administration	38.00	38.00	38.00	140.50	140.50	140.66
003	Training	4.00	2.00	2.00	11.00	9.00	5.51
004	Research & Development	1.00	1.00	1.00	6.50	6.50	3.67
101	Industrial Estates	32.20	63.75	58.97	206.84	188.39	187.07
102	Small Scale Industries	172.80	217.84	216.44	507.71	555.25	552.59
103	Handloom Industries	50.00	49.00	49.00	117.70	117.20	118.14
104	Handicrafts Industries	10.00	10.00	10.00	42.75	41.75	33.86
105	Khadi & Village Industries	50.00	55.00	61.00	136.50	141.50	165.80
110	Composite Village and Small Industries and Co-operatives.	7.00	7.00	7.00	39.50	33.50	34.72
	Sub - Total	415.00	443.59	443.41	1238.50	1233.59	1242.82
1 06 2852 00	<u>Industries (Other than Village & Small Industries)</u>						
	<u>02 Consumer Industries</u>						
	800 Others	60.00	31.41	31.31	228.00	199.41	203.15
	Sub-Total	60.00	31.41	31.31	228.00	199.41	203.15
1 06 2853 02	<u>Minine Non-Ferrous Mining and Metallurgical Industries</u>						
	<u>02 Regulation and Development of Mines.</u>						
001	Direction & Administration	20.00	20.00	20.00	31.90	31.90	22.84
101	Survey and Mapping	29.00	29.00	29.00	44.15	44.15	16.57

1	2	3	4	5	6	7	8
102	Mineral Exploitation	-	-	3.00	34.21	34.20	45.20
800	Other expenditure	1.00	1.00	7.00	6.40	6.40	31.40
	<u>Sub-Total</u>	50.00	50.00	50.00	116.65	116.65	116.01
	<u>Total of Industries</u>	525.00	525.00	524.72	1530.15	1549.65	1561.98
107	<u>Sericulture Industries</u>						
107(1)	Direction	21.15	16.15	9.06	55.30	46.00	45.85
107(2)	Administration	34.40	34.40	32.83	119.72	101.65	123.89
107(3)	Training	3.65	3.65	0.47	15.33	13.50	2.12
107(4)	Promotion	47.20	17.70	18.51	150.18	197.85	170.24
107(5)	Marketing	9.60	9.60	10.74	58.30	48.00	43.51
107(6)	Silk Processing	9.00	9.00	7.43	51.17	9.00	8.01
	<u>Sub-Total</u>	125.00	90.50	79.04	431.00	416.00	393.62
107 3000 00	<u>TRANSPORT</u>	1474.00	1516.18	1521.00	6435.00	6386.90	6329.92
1 07 3054 00	<u>R & E (PLAN)</u>						
80	<u>General</u>						
001	Direction & Admn.	30.00	30.00	30.00	117.00	267.15	110.00
80	<u>Research & Development</u>						
002	Research & Development	5.00	5.00	5.00	27.00	25.00	25.00
80	<u>Machinery & Equipment</u>						
052	Machinery & Equipment	40.00	40.00	40.00	272.00	254.00	272.00
04	<u>Dist. & Other Roads</u>						
800	<u>Other Expenditure</u>						
a)	Other Dist. Roads	520.00	X	486.76	2359.00	X	2072.00
b)	Roads within towns	248.00	X	246.55	639.00	X	1119.00
c)	Bridges	30.00	X	50.28	150.00	X	150.00
d)	Mech. Workshop at Zuangtui	10.00	X	330.18	25.00	X	3038.26
e)	Expdr. on IB's etc..	-	X	-	21.00	X	52.00
f)	Maintenance of Road	-	X	-	20.00	X	10.00

Conti...12/-

1	2	3	4	5	6	7	8	
107	3055 00	INLAND WATER TRANSPORT						
1.4	Navigation	2.00	-	2.00	20.75		20.00	
105	Landing Facilities	2.00		2.00	2.00		2.00	
190	Assistance to Public Sector		6.00	-	-	17.50	-	
052	Machinery and Equipment	-	-	-	-	-	-	
800	Other expenditure	2.00		2.00	3.25		8.00	
	Removal of Obstructions							
T O T A L		6.00	6.00	6.00	28.00	17.50	30.00	
107	3055 00							
	307	Motor Vehicle Wing	3.00	8.00	8.00	375.00	23.32	25.22
109	3030 00	Science, Technology Environment	27.00	27.00	27.00	67.00	67.00	67.00
109	3425 00	Other Scientific Research S & T	22.00	22.00	22.00	50.40	50.40	50.40
	3435 00	Ecology & Environment	5.00	5.00	5.00	16.60	15.60	16.60
110	3000 00	GENERAL ECONOMIC SERVICES	709.00	702.00	695.10	1998.05	1986.21	1980.06
1,10,3451,00		Sectt. Economic Services	11.00	14.00	13.13	43.00	45.00	45.13
101		Planning Commission/ Planning Board	7.25	10.00	9.50	30.50	33.75	33.25
102		District Planning Machinery.	3.75	4.00	3.63	12.50	12.25	11.00

Contd....14/-

1	2	3	4	5	6	7	8
110	<u>3452 00 TOURIST INFRASTRUCTURE</u>	<u>40.00</u>	<u>40.00</u>	<u>40.00</u>	<u>164.00</u>	<u>164.00</u>	<u>164.00</u>
101	Tourist Centre	7.00	7.00	7.00	36.66	36.66	36.66
102	Tourist Accommodation	26.47	26.47	26.47	89.43	89.43	89.43
103	Tourist Transport Services	0.35	0.35	0.35	8.77	8.77	8.77
800	<u>Other Expenditure</u>						
	Survey & Statistics	0.45	0.45	0.45	1.54	1.54	1.54
	Publication of Tourist Information and Literature	0.05	0.05	0.05	3.35	3.35	3.35
80	<u>GENERAL : 800 Other Expenditure</u>						
001	Direction & Administration	5.53	5.53	5.53	20.40	20.40	20.40
003	Training	0.05	0.05	0.05	0.75	0.75	0.75
104	Promotion and Publicity (Fairs & Festival)	0.10	0.10	0.10	3.10	3.10	3.10
1 10	<u>3454 00 Survey & Statistics</u>	<u>13.00</u>	<u>13.00</u>	<u>11.22</u>	<u>52.92</u>	<u>52.45</u>	<u>48.78</u>
000	Direction & Administration	10.70	10.70	9.68	44.57	44.17	43.47
111	Vital Statistics	1.60	1.60	1.54	7.28	7.28	7.31
203	Computerisation	0.50	0.50	-	1.00	1.00	1.00
110	<u>3456 00 Civil Supplies</u>	<u>37.00</u>	<u>27.00</u>	<u>24.11</u>	<u>150.10</u>	<u>140.00</u>	<u>134.29</u>
110	<u>3470 00 Other General Services</u>						
(1)	<u>Regulation of Weights & Measures</u>	<u>8.00</u>	<u>8.00</u>	<u>6.73</u>	<u>27.00</u>	<u>20.00</u>	<u>25.00</u>
110	<u>3471 00 LAI DISTRICT COUNCIL</u>						
(<u>SUPPL. COMMUNICATION</u>	<u>50.00</u>	<u>50.00</u>	<u>50.00</u>	<u>103.35</u>	<u>103.35</u>	<u>103.35</u>
	<u>REVENUE</u>	<u>10.00</u>	<u>10.00</u>	<u>10.00</u>	<u>12.35</u>	<u>36.26</u>	<u>36.26</u>

1	2	3	4	5	6	7	8
(c)	<u>WATER SUPPLY</u>	10.00	10.00	10.00	35.54	35.54	35.54
(d)	<u>FORESTS</u>	20.00	20.00	20.00	57.84	57.84	57.84
(e)	<u>ART & CULTURE</u>	10.00	10.00	10.00	32.50	32.50	32.50
(f)	<u>RURAL DEVELOPMENT</u>	26.00	26.00	26.00	65.85	65.85	65.85
(g)	<u>AGRICULTURE</u>	45.00	45.00	45.00	87.00	87.00	37.00
(h)	<u>SOIL CONSERVATION</u>	10.00	10.00	10.00	24.46	24.46	24.46
(i)	<u>COMMUNITY PROJECT</u>	20.00	20.00	20.00	77.10	77.10	77.10
(j)	<u>SOCIAL WELFARE</u>	12.00	12.00	12.00	-	23.00	23.00
(k)	<u>ANIMAL HUSBANDRY</u>	15.00	15.00	15.00	24.91	27.67	27.67
(l)	<u>INDUSTRY</u>	12.00	12.00	12.00	24.59	24.59	24.59
	<u>T O T A L</u>	<u>240.00</u>	<u>240.00</u>	<u>240.00</u>	<u>592.40</u>	<u>595.16</u>	<u>595.16</u>

1 10 3470 00

Mara Autonomous District
Council.

(a)	Direction & Administration	85.05	85.05	85.05	219.33	219.33	219.33
(b)	Economic Development	111.20	111.20	111.20	302.59	302.59	302.59
(c)	Health	3.55	3.55	3.55	9.90	9.90	9.90
(d)	Other expenditure	10.20	10.20	10.20	24.20	24.20	24.20
	<u>T O T A L</u>	<u>210.00</u>	<u>210.00</u>	<u>210.00</u>	<u>556.02</u>	<u>556.02</u>	<u>556.02</u>

Contd...16/-

1	2	3	4	5	6	7	8
102	Assistance to non-Govt. Primary Schools.	-	-	-	17.25	17.25	17.25
103	Assistance to Local Bodies for Primary Education	48.30	48.30	48.30	159.03	159.03	159.03
104	Inspection	1.35	1.35	1.35	4.20	4.20	4.20
800	Other Expenditure	217.35	217.35	217.35	738.26	738.26	738.26
TOTAL OF ELEMENTARY EDUCATION		322.35	322.35	322.35	1048.35	1048.35	1048.35
02 Secondary Education							
001	Direction, Administration	1.00	1.00	1.00	2.50	2.50	2.50
004	Research & Training	10.00	10.00	10.00	53.08	53.08	53.08
110	Assistance to Non-Govt. Secondary Schools.	137.00	137.00	137.00	489.22	489.22	489.22
TOTAL OF SECONDARY EDUCATION		148.00	148.00	148.00	544.80	544.80	544.80
03 Adult Education							
101	Grants to ...	2.00	2.00	2.00	5.25	5.25	5.25
103	Rural Functional Literacy Programme	7.63	7.63	7.63	23.62	23.62	23.62
200	Other Adult Education Programme	5.63	5.63	5.63	15.87	15.87	15.87
TOTAL OF ADULT EDUCATION		15.26	15.26	15.26	44.74	44.74	44.74
05 Language Development							
001	Direction & Administration	11.31	11.31	11.31	22.01	22.01	22.01
TOTAL OF LANGUAGE DEVELOPMENT		11.31	11.31	11.31	22.01	22.01	22.01

1	2	3	4	5	6	7	8
<u>20 General</u>							
001	Direction & Administration	15.58	15.58	30.58	47.63	47.63	62.63
004	Research	2.25	2.25	2.25	2.25	2.25	2.25
107	Scholarships	2.30	2.30	4.49	6.70	6.70	6.70
800	Other Expenditure	69.91	69.91	72.90	262.49	262.49	269.09
TOTAL OF GENERAL		90.04	90.04	110.21	319.15	319.15	340.75
<u>TOTAL OF SCHOOL EDUCATION</u>		<u>585.96</u>	<u>586.95</u>	<u>607.13</u>	<u>1979.05</u>	<u>1979.05</u>	<u>2000.65</u>
<u>2 21 2202 03 University & Higher</u>							
<u>103(a) Govt. Education</u>							
	Education.	6.41	6.41	3.42	24.45	24.45	17.85
104	Asst. to Non-Govt. Colleges.	67.00	67.00	81.12	230.70	230.70	245.75
107	Post Matric Scholarship	4.91	4.91	2.89	19.24	19.24	16.32
107	Mizoram Scholarship Board	0.47	0.47	0.31	3.51	1.87	4.79
<u>221 2203 00 Technical Education</u>							
105	Polytechnic	58.00	58.00	10.30	201.00	201.00	35.25
TOTAL		145.04	145.04	107.96	507.45	505.31	387.20
<u>221, 2204, 00 Sports & Youth Services</u>							
001	Direction & Administration	37.00	40.70	40.70	77.00	67.00	77.00
101	Physical Education	4.50	4.50	4.50	26.50	16.30	26.50
102 a)	N.S.S.	5.00	4.00	4.00	13.60	10.60	13.60
102 b)	Scouts & Guides	5.00	4.30	4.30	13.40	10.40	13.40
102 c)	Youth Adventure	5.50	4.50	4.50	15.10	16.10	15.10
102 d)	N.S.S.	1.00	2.00	0.00	3.19	3.19	3.19

1	2	3	4	5	6	7	8
104	(b) Sports Council	22.00	22.00	22.00	31.00	36.00	36.00
		90.00	90.00	90.00	175.00	221.34	221.34
221	2235 00 Art & Culture	67.00	67.00	64.00	169.50	165.30	147.78
001	1' Direction & Administration	37.40	36.86	36.90	46.58	46.58	42.80
101	17 Fine Arts Education	3.13	3.13	3.71	15.50	12.30	15.66
102	2' Promotion of Arts & Culture	1.90	1.90	1.70	11.64	11.64	7.60
103	1' Archaeology	0.96	1.96	1.96	4.50	4.50	4.20
104	1 Archives	2.78	2.78	2.69	7.93	7.93	7.44
105	Public Services	13.65	12.39	9.42	44.65	43.65	35.51
106	Archaeological survey	-	-	-	-	-	-
107	State Museum	7.90	7.98	7.53	38.60	38.60	-
000	Other Expenditure	-	-	-	-	-	-
2 22	221 00 MEDICAL SERVICES				1543.00	1547.00	1517.47
001	Urban Health Services	29.00	30.26	31.11	101.00	97.00	81.32
104	Medical Store Dept	18.05	17.13	17.10	51.50	49.23	48.12
109	School Health Scheme	1.70	1.70	1.70	3.05	5.05	5.50
110	Hospital & Dispensaries	98.50	103.26	126.21	481.50	505.01	510.01
000	Other Expenditure	3.10	1.14	1.14	20.00	16.29	14.33
02	Urban Health Services						
102	Home party	1.60	1.60	1.60	1.60	1.60	6.06

Gratd...28/-

1	2	3	4	5	6	7	8
<u>03</u>	<u>Rural Health Services-Allopathy</u>						
111	Health Sub-Centres						
103	Primary Health Centres	175.00	175.00	165.73	705.68	743.54	694.54
104	Community Health Centres						
<u>05</u>	<u>Medical Education Training & Research</u>	3.00	3.00	3.00	25.80	11.70	8.43
105	<u>Allopathy</u>						
<u>06</u>							
101	Prevention & Control of Diseases	47.50	43.39	43.39	110.12	93.79	94.61
104	Drug Control	1.00	1.00	1.00	2.50	2.50	2.17
112	Public Health Education	2.45	2.45	2.45	11.65	13.30	10.97
<u>2 22 2215</u>							
	00 MEDICAL & PUBLIC HEALTH						
	03 Rural Health Services- <u>Allopathy</u>						
101	Health Sub-Centres						
103	Primary Health	175.00	175.00	165.73	705.66	743.54	694.54
104	Community Health Centres						
2 23 2215 00	<u>WATER SUPPLY & SANITATION</u>	<u>883.00</u>	<u>883.00</u>	<u>883.00</u>	<u>3693.00</u>	<u>3693.00</u>	<u>3671.45</u>
	01 <u>WATER SUPPLY</u>						
001	Direction & Administration	66.00	66.00	77.43	280.00	311.50	260.01
002	Training	7.00	7.00	4.92	18.00	20.50	17.75

1	2	3	4	5	6	7	8			
104 (b)	Sports Council	22.00	22.00	22.00	31.00	36.00	36.00			
	<u>P I F A L</u>	90.00	90.00	90.00	175.00	221.34	221.34			
<u>221</u>	<u>2205</u>	<u>30</u>	<u>Art & Culture</u>	<u>67.00</u>	<u>67.00</u>	<u>64.00</u>	<u>169.50</u>	<u>165.30</u>	<u>147.70</u>	
001	1	Direction & Administration	37.40	36.86	36.90	46.58	46.58	42.00		
101	1 1/2	Fine Arts Education	3.13	3.13	3.71	15.50	12.30	15.66		
102	2	Promotion of Arts & Culture	1.90	1.90	1.70	11.64	11.64	7.60		
103	1	Archaeology	0.96	1.96	1.96	4.50	4.50	4.20		
104	1	Archives	1.78	2.78	2.69	7.93	7.93	7.44		
105		Public Services	13.85	12.39	9.42	44.55	43.65	35.51		
106		Archaeological survey	-	-	-	-	-	-		
107		State Museum	7.90	7.98	7.53	38.50	38.60	-		
300		Other Expenditure	-	-	-	-	-	-		
<u>2</u>	<u>22</u>	<u>2210</u>	<u>30</u>	<u>MEDICAL & PUBLIC HEALTH</u>	<u>381.00</u>	<u>381.00</u>	<u>394.90</u>	<u>1543.00</u>	<u>1547.00</u>	<u>1517.97</u>
<u>01</u>	<u>Urban Health Services Allopathy</u>									
001		Direction & Administration	29.00	30.26	31.11	108.00	97.56	91.32		
104		Medical Store Depot	18.85	17.16	17.16	59.50	49.23	48.12		
109		School Health Scheme	1.70	1.70	1.70	5.05	5.25	5.50		
110		Hospital & Dispensaries	90.50	133.86	128.21	485.50	505.81	549.84		
300		Other Expenditure	3.10	1.14	1.14	70.40	15.99	16.33		
<u>02</u>	<u>Urban Health Services</u>									
	<u>Other Systems of Medicines</u>									
102		Homeopathy	1.60	1.50	1.50	7.00	6.50	6.00		

1	2	3	4	5	6	7	8
03	<u>Rural Health Services-Allopathy</u>						
101	Health Sub-Centres						
103	Primary Health Centres	175.00	175.00	165.73	705.68	743.54	694.54
104	Community Health Centres						
05	<u>Medical Education Training & Research</u>	3.00	3.00	3.00	25.80	11.70	8.43
105	<u>Allopathy</u>						
06							
101	Prevention & Control of Diseases	47.50	43.39	43.39	110.12	93.79	94.61
104	Drug Control	1.00	1.00	1.00	2.50	2.50	2.17
112	Public Health Education	2.45	2.45	2.45	111.65	13.38	10.97
2 22	2210						
	00 MEDICAL & PUBLIC HEALTH						
	03 Rural Health Services- <u>Allopathy</u>						
101	Health Sub-Centres						
103	Primary Health	175.00	175.00	165.73	705.66	743.54	694.54
104	Community Health Centres						
2 23	2215 00 <u>WATER SUPPLY & SANITATION</u>	883.00	883.00	883.00	3693.00	3693.00	3671.45
	01 <u>WATER SUPPLY</u>						
001	Direction & Administration	66.00	66.00	77.43	280.00	311.57	261.01
003	Training	7.00	7.00	4.92	18.00	20.50	17.75

1	2	3	4	5	6	7	8
004	Research	1.00	1.00	0.40	7.00	3.50	0.40
005	Survey & Investigation	2.00	2.00	0.33	14.00	14.00	15.00
052	Machinery & Equipments	5.00	5.00	-	22.25	23.50	9.47
101	Urban Water Supply Programme	305.00	305.00	305.00	1468.00	1422.00	1582.69
102	Rural Water Supply Programme						
	i) M.N.P.	400.00	400.00	387.50	1675.00	1677.00	1614.53
	ii) Non-M.N.P.						
	iii) Operation & Maintenance	40.00	40.00	58.06	-	-	-
300	<u>Other Expenditure</u>						
	Motor Vehicles	5.00	5.00	-	30.75	26.00	17.31
	Buildings	35.00	35.00	33.06	117.00	105.00	112.93
<u>2 23 2215 00</u>	<u>WATER SUPPLY & SANITATION</u>						
	<u>02 SEWAPAGE & SANITATION</u>						
005	Survey & Investigation	1.00	1.00	-	-	-	-
105	Sanitation Services						
	i) Rural Sanitation	6.00	6.00	2.29	23.00	50.00	13.51
	ii) Urban Low-Cost Sanitation	10.00	10.00	13.51	37.00		27.85
<u>2 23 2216 00</u>	<u>Housing</u>	<u>204.00</u>	<u>207.75</u>	<u>411.05</u>	<u>984.90</u>	<u>1074.25</u>	<u>954.13</u>
01	Govt. Residential Building						
700	Other Housing						
	i) Direction & Admn.	5.00	5.00	4.11	11.00	10.00	4.11
	ii) Construction	71.00	71.00	281.09	303.90	357.50	246.66
	iii) Machinery & Equipment	-	-	-	18.00	31.00	34.31
	TOTAL	76.00	76.00	286.00	332.90	390.50	235.31

1	2	3	4	5	6	7	8
<u>2 23 2216 00 Housing</u>							
<u>01 Govt. Residential Building</u>							
107	Police Housing	100.00	103.75	97.05	450.00	473.75	467.05
<u>2 23 2216 00 Housing</u>							
<u>02 Urban Housing</u>							
300	Other Expenditure(a)Housing Loan)-	-	-	-	31.00	31.00	31.00
(b)	Land Acquisition & Dev.	5.00	5.00	5.00	23.00	23.00	23.00
(c)	EWS Loan	5.00	5.00	5.00	28.00	28.00	28.00
<u>03 Rural Housing</u>							
102(ii)	Constn. assistance	-	-	-	43.00	43.00	43.00
300	Other expenditure						
(a)	Resettlement of Villages	3.00	3.00	3.00	15.00	15.00	15.00
(b)	Community Hall	10.00	10.00	10.00	31.00	31.00	31.00
(c)	V/C House	-	-	-	10.00	10.00	10.00
<u>00 General</u>							
001	Direction & Administration	5.00	5.00	5.00	21.00	21.00	21.00
<u>T C T A L</u>		<u>28.00</u>	<u>28.00</u>	<u>28.00</u>	<u>202.00</u>	<u>202.00</u>	<u>202.00</u>
<u>2 23 2217 00 URBAN DEVELOPMENT</u>		<u>236.00</u>	<u>224.00</u>	<u>183.47</u>	<u>1105.00</u>	<u>969.64</u>	<u>924.56</u>
<u>2 23 2217 01 STATE CAPITAL DEV.</u>		<u>117.00</u>	<u>105.00</u>	<u>93.23</u>	<u>715.00</u>	<u>607.34</u>	<u>468.32</u>
001	Direction & Administration	15.00	15.00	13.28	36.00	38.00	18.28
050	Land	98.00	85.00	79.95	635.00	518.34	419.43
051	Construction						
052	Machinery & Equipment		5.00	-	44.00	51.00	31.81

1	2	3	4	5	6	7	8
223	2217 01	Urban Development					
04		Slum Area Improvement					
051		Construction.	5.00	5.00	5.30	15.00	15.00
05		Other Urban Development					
051		Construction	43.00	43.00	43.00	168.63	168.63
191		Assistant to Local Bodies	10.00	10.00	10.00	57.00	57.00
000		Other Expenditure	12.00	12.00	12.00	50.12	50.12
223	2217 05	<u>OTHER URBAN DEVELOP-</u> <u>MENT</u>					
001		Direction & Administration	17.00	17.00	15.94	67.25	61.19
03		<u>INTEGRATED DEVELOPMENT OF</u> <u>SMALL & MEDIUM TOWNS</u>	32.00	32.00	4.30	32.00	4.30
051		Construction (Works) Cons- truction of Market Complexes, Bus terminal, Car parking, Road diversion etc. at Lunglei.					
		<u>TOTAL</u>	<u>49.00</u>	<u>49.00</u>	<u>28.24</u>	<u>99.25</u>	<u>71.55</u>
24	2220 00	<u>INFORMATION & PUBLICITY</u>					
	01	<u>FILMS</u>	<u>40.00</u>	<u>36.00</u>	<u>36.00</u>	<u>150.00</u>	<u>145.56</u>
01	001	Direction & Administration	11.20	8.04	8.04	36.76	32.32
105		Production of Films	1.00	1.00	1.00	8.54	8.54
		<u>OTHER EXPENDITURE</u>					
300		Public Exhibition of Films	0.50	0.50	0.50	2.98	2.98

1	2	3	4	5	6	7	8
	<u>OTHERS</u>						
103	Research & Training in Mass Communication	1.00	1.00	1.00	3.65	3.65	3.65
101	Advertising & Visual Publicity	1.30	1.30	1.30	15.79	15.79	15.79
102	Information Centres	9.70	8.86	8.86	16.00	16.00	16.00
103	Press Information Services	2.60	2.60	2.60	12.57	12.57	12.57
106	Field Publicity	3.00	3.00	3.00	7.66	7.68	7.63
107	Songs & Drama Services	1.70	1.70	1.70	7.66	7.66	7.66
109	Photo Services	2.80	2.80	2.80	10.57	10.57	10.57
110	Publication	2.00	2.00	2.00	16.66	16.66	16.66
111	Community Radio & Television	3.20	3.20	3.20	11.14	11.14	11.14
	<u>OTHER EXPENDITURE</u>						
600	Cultural & Social activities	-	-	-	-	-	-
<u>2230</u>	<u>2230 00 LABOUR & EMPLOYMENT</u>						
	<u>01 Labour</u>						
101	Direction & Admn.	1.50	2.60	0.875	2.00	4.80	2.456
	<u>02 EMPLOYMENT SERVICE</u>						
101	Direction & Administration	5.95	3.57	6.40	21.00	19.40	22.36
<u>23</u>	<u>TRAINING</u>						
103	Craftsmen training	14.00	12.00	13.738	53.46	42.35	46.704
102	APPRENTICESHIP TRAINING	0.55	0.33	0.514	2.00	1.51	2.064
	TOTAL	22.00	18.60	21.53	76.46	68.06	73.59

<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
227	2235 00	Social Security & Welfare					
	<u>02</u>	Social Welfare					
001		Direction & Admn.	4.50	4.50	3.88	17.45	17.45
101		Welfare of handicapped	5.35	5.35	4.16	27.49	27.49
102		Child Welfare	6.28	6.28	6.28	34.89	34.89
103		Women's Welfare	3.30	3.30	4.80	15.18	15.18
104		Welfare of Aged infirm & destitute	4.50	4.50	4.50	15.39	15.39
105		Prohibition	4.00	4.00	3.98	13.69	13.69
106		Correctional Services	21.06	21.06	15.35	82.20	82.20
107		Assistance Vol.Orgn.	1.71	1.71	8.71	7.71	7.71
		<u>TOTAL</u>	<u>52.00</u>	<u>52.00</u>	<u>51.66</u>	<u>214.00</u>	<u>214.00</u>
227	2235 00	<u>Nutrition</u>					
	<u>80</u>	General					
	<u>001</u>	<u>Direction & Admn.</u>					
a)		Construction of Building	7.00	7.00	3.50	7.00	7.00
	<u>02</u>						
101		Special Nut.Programme.	98.00	98.00	101.40	354.52	354.52
		<u>TOTAL</u>	<u>105.00</u>	<u>105.00</u>	<u>104.90</u>	<u>361.52</u>	<u>361.52</u>
300	0000 00	<u>GENERAL SERVICES</u>	<u>173.00</u>	<u>173.00</u>	<u>173.00</u>	<u>693.00</u>	<u>811.50</u>
342	2056 00	<u>FAILS</u>	<u>28.00</u>	<u>28.00</u>	<u>28.00</u>	<u>48.00</u>	<u>195.00</u>

1	2	3	4	5	6	7	8
001	Direction & Administration						
	Construction of Directorate of Prisons Office.	17.00	10.00	10.00	25.25	25.25	25.25
<u>101</u>	<u>JAILS</u>						
(a)	Barrack for 40 prisoners at Central Jail, Aizawl.	8.66	8.66	8.66	8.66	8.66	8.66
(b)	Construction of Cell at Central Jail, Aizawl.	1.34	1.34	1.34	1.34	1.34	1.34
102	Jail manufactures (Vocational Training Centre)	3.00	3.00	3.00	3.00	3.00	3.00
<u>300</u>	<u>Other expenditure</u>						
(a)	Welfare of Prisoners	2.40	2.40	2.40	4.55	4.55	4.55
(b)	Modernisation of Jails	2.60	2.60	2.60	5.20	5.20	5.20
	<u>Upgradation fund</u>	-	-	-	-	147.00	147.00
<u>342 205 800</u>	<u>Printing & Stationery</u>	60.00	60.00	60.00	251.00	261.00	261.00
342 205 900	<u>SO GENERAL</u>	75.00	75.00	75.00	336.00	316.50	255.04
001	Direction & Administration	5.00	5.00	5.00	21.00	20.00	22.54
051	Construction	70.00	70.00	70.00	308.00	283.50	232.50
052	Machinery & Equipment	NIL	NIL	NIL	7.00	13.00	-
<u>3 42 2870 00</u>							
003	Training	10.00	10.00	10.00	48.00	39.00	39.00
	<u>GRAND TOTAL</u>	<u>10200.00</u>	<u>10095.35</u>	<u>10274.51</u>	<u>36300.00</u>	<u>36363.58</u>	<u>36391.77</u>

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl No.	Item	Unit	1989-90		Total 7th Plan 1985-90		Cumulative at the end of 1985-90 achievement
			Target	Achievement	Target	Chieivement	
1	2	3	4	5	6	7	8
1.	<u>AGRICULTURE AND ALLIED ACTIVITIES</u>						
	1) <u>Production of foodgrains</u>						
	i) <u>Rice</u>						
	Irrigated	'000 Tonnes	10.000	10.000	10.000	10.000	10.000
	Unirrigated	-do-	49.000	49.000	80.000	49.000	49.000
	TOTAL :		59.000	59.000	90.000	59.000	59.000
	ii) <u>Wheat</u>						
	Irrigated	'000 Tonnes	NIL	NIL	2.550	NIL	NIL
	Unirrigated	-do-	NIL	NIL	NIL	NIL	NIL
	iii) <u>Maize</u>						
	Irrigated	'000 Tonnes	NIL	NIL	NIL	NIL	NIL
	Unirrigated	-do-	10.500	10.500	10.500	10.500	10.500
	iv) <u>Pulses :</u>						
	Irrigated	'000 Tonnes	1.000	3.227	1.000	3.227	3.227
	Unirrigated	-do-	2.000	6.454	2.850	6.454	6.454
	TOTAL :		3.000	9.681	3.850	9.681	9.681

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Sl. No.	Item	Unit	1989 - 90		Total 7th Plan 1985-90		Commulative at the end of 1985-90 achievement
			Target	Achievement	Target	Achievement	
<u>TOTAL OF (1) FOOD GRAINS :</u>							
	Irrigated	'000 Tonnes	11.000	13.227	13.550	13.227	13.227
	Unirrigated	-do-	61.500	65.454	93.550	65.454	65.454
	TOTAL :		72.500	78.613	107.100	78.618	78.618
<u>2. COMMERCIAL CROPS :</u>							
<u>OILSEEDS</u>							
a) <u>MAJOR OILSEEDS</u>							
	Groundnut	'000 Tonnes	N E G L I G I B L E				
	Gaster Oilseeds						
	Sesamum	-do-	1.500	2.622	1.500	2.622	2.622
	Rapeseed & Mustard	-do-	0.400	0.430	0.400	0.430	0.430
	Linseed	-do-	NIL	NIL	NIL	NIL	NIL
	TOTAL :		1.900	3.052	1.900	3.052	3.052
	ii) Sugarcane(Cane)	'000 Tonnes	15.000	15.000	30.000	15.000	15.000
	iii) Cotton		N E G L I G I B L E				
	iv) Jute & Mesta		NIL	NIL	NIL	NIL	NIL
<u>3. Production under Major Horticulture Crops :</u>							
	i) Apple	'000 Tonnes	NIL	NIL	NIL	NIL	NIL
	ii) Banana	-do-	8.500	18.666	10.000	18.666	18.666
	iii) Orange	-do-	8.500	9.500	10.000	9.500	9.500
	iv) Mango	-do-	0.450	0.425	0.450	0.425	0.425
	v) Grapes	-do-	NIL	NIL	NIL	NIL	NIL

Sl. No.	Item	Unit	1989 - 90		Total 7th Plan 1985-90		Cumulative at the end of 1985-90 achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
	vi) <u>Other Specify</u>						
	Pineapple	'000 Tonnes	7.000	4.790	10.000	4.790	4.490
	Pear/Peach/Plum & Jack Fruit	-do-	1.250	2.001	5.550	2.001	2.001
	TOTAL :	'000 Tonnes	25.700	35.382	37.000	35.382	35.382
4.	<u>Improved Seeds :</u>						
	i) <u>Production of quality seeds :</u>						
	a) Cereal	'000 Tonnes	0.045	0.040	0.045	0.040	0.040
	b) Pulses	-do-	0.010	0.010	0.010	0.010	0.010
	c) Oilseeds	-do-	0.010	0.010	0.010	0.010	0.010
	TOTAL (i)		0.065	0.060	0.065	0.060	0.060
	ii) <u>Distribution of Seeds :</u>						
	a) Cereal	'000 Tonnes	0.530	0.157	0.530	0.157	0.157
	b) Pulses	-do-	0.150	0.033	0.150	0.033	0.033
	c) Oilseeds	-do-	0.100	0.031	0.100	0.031	0.031
	d) Cotton	-do-	NIL	NIL	NIL	NIL	NIL
	TOTAL (ii)		0.780	0.221	0.780	0.221	0.221
5.	<u>Chemical Fertilizers :</u>						
	i) Nitrogen (N)	'000 Tonnes	0.175	0.200	0.175	0.200	0.200
	ii) Phosphoric (P)	-do-	0.210	0.200	0.185	0.200	0.200
	iii) Potassic (K)	-do-	0.101	0.101	0.140	0.101	0.101
	TOTAL (N P K)		0.486	0.501	0.500	0.501	0.501

Sl. No.	Item	Unit	1985-90	90	Total 7th Plan 1985-90		Cumulative at the end of 1985-90 achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
6.	<u>Plant Protection :</u> Pesticides consumption (Technical grade materials)	'000 Tonnes	15.000	15.000	10.000	15.000	15.000
7.	<u>Area under</u> i) Fertilizer	'000 HA	24.337	24.337	21.000	24.337	24.337
	ii) Pesticides	-do-	25.000	25.000	21.027	25.000	25.000
8.	<u>High Yielding Variety (HYV)</u> i) Rice - Total area cropped Area under HYV	'000 HA -do-	53.776 8.200	53.776 8.200	55.000 8.200	53.776 8.200	53.776 8.200
	ii) Wheat -Total rea cropped Area under HYV	-do- -do-	2.000 2.000	NIL NIL	NIL NIL	NIL NIL	NIL NIL
	iii) Maize -Total area cropped Area under HYV	'000 HA -do-	7.000 6.000	7.000 5.000	8.000 6.000	7.000 5.000	7.000 5.000
	Total area under the above five cereals	-do-	62.776	60.776	62.776	60.776	60.776
	Total area under the above HYV five Cereals	-do-	16.200	13.200	16.200	13.200	13.200
12.	<u>CROPPED AREA (Cumulative)</u> i) Net	'000 HA	78.976	73.976	78.976	73.976	73.976
	ii) Gross	-do-	85.303	80.303	85.303	80.303	80.303

II. Physical Target and Achievement during the Seventh Plan

Sl. No.	Items	Unit	1989-90		Total Seventh Plan		Cumulative at the end of 1989-90 Achievement.
			Target	Achievement	Target	Achievement.	
1	2	3	4	5	6	7	8
1.	Land Use Survey	Ha	1470	49	2795	200	249
2.	Soil Con.Plantation	Ha	50	67	895	336	453
3.	CashCrop Spices Dev.	Ha	25	45	100	50	95
4.	Cash Crop Nursery	Ha	9	2	23	21	23
5.	Mixed Nursery	Ha	5	2	5	2	2
6.	Rural Area Dev.(Cash Crop)	Ha	510	341	3106	5	3257
7.	Village Grouping Centre Dev.	Ha	424	472	3866	897	2788
8.	Village Grazing Ground	Ha	50	50	249	190	249
9.	Building Construction	No.	5	3	39	39	42
10.	Road,Machinery etc.	No.	7.5	3	55	9	12
11.	S.C.Engineering Works	Ha	230	215	1033	300	515

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	ITEMS	UNIT	1989 - 1990		TOTAL SEVENTH PLAN (1985 - 1990)		Commulative at the end of 1989 - 1990
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
1.	<u>DIRECTION & ADMINISTRATION :</u>						
	a. <u>Construction of:-</u>						
	i) Directorate Building	no	4	4	8	8	8
	ii) Vety. Building						
	iii) Repair of existing Building						
2.	<u>VET. EDUCATION & RESEARCH :</u>						
	a) Scholarship/Stipend for BVSc student	no	52	52	260	260	260
	b) Scholarship/Stipend for VFA student						
	c. <u>Construction of :-</u>						
	i) Functional Buildings						
	ii) Staff quarters	no	6	6	15	15	15
3.	<u>VET. SERVICES & ANIMAL HEALTH :</u>						
	a) Construction of RAH Centres Building	no	10	10	10	10	10
4.	<u>CATTLE DEVELOPMENT :</u>						
	a) Purchase of feed	qtls.	500	500	2500	2500	2500
5.	<u>POULTRY DEVELOPMENT :</u>						
	a. <u>Construction of:-</u>						
	i) Grower House	no	4	4	35	28	28
	ii) Duck House						
	iii) Repair if existing building	qtls	1000	1000	5000	4000	5000
6.	<u>PIGGERY DEVELOPMENT:</u>						
	a) Purchase of feeds	qtls	830	830	5000	5000	5000
7.	<u>OTHER LIVESTOCK DEVELOPMENT :</u>						
	a) Assistance to jhumia families	fly	20	20	100	100	100
8.	<u>FEED & FODDER DEVELOPMENT :</u>						
	Assistance to Livestock Breeder by giving Transport subsidy	qtls	20300	20300	115000	115000	115000
9.	<u>OTHER EXPENDITURE :</u>						
	Setting up of 4 cum-biogas plant in Rural areas	no	100	106	500	547	547
10.	<u>OTHER EXPENDITURE :</u>						

11. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Item	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
<u>FISHERIES</u>							
	<u>Fish Production</u>						
	a) Inland	'000 tonnes	2.80 (level)	2.80	3.00(Level)	2.80(level)	2.80(level of production)
	b) Marine	-do-	-	-	-	-	-
	TOTAL :	-do-	2.80	2.80	3.00	2.80	2.80
	ii) Fish Seed Produced.	Million	3.50	3.00	6.00(level)	3.00(level)	3.00(level of production)
	iii) Fish Seed Farms	Numbers	1	1	2	1	3
	iv) Nursery area	Hectares	2	0.5	5	4.5	6
	v) Noof Hatcheries	Numbers	-	-	4	1	1
<u>FORESTRY</u>							
	i) Plantation of Quick growing	Hectares	7.5	8.7	15	40.7	40.7
	ii) Economic & Sommercial Plan-	'000					
	tation.						
	iii) Social Forestry.						
	iv) <u>Afforestation :</u>						
	a) Trees planted	'000 Nos	18,750	18,750	37,500	1,01,750	1,01,750
	b) Trees Survived	'000 Nos	-	14,062		76,312	76,312
	v) <u>Communication</u>						
	a) New Roads	Km	-	-	200	60	60
	b) Improvement of Existing roads	Km	75	75	275	265	265

II. Physical target and achievement during the Seventh Plan

Sl. No.	Items	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1989-90 Achievement.
			Target	Achievement	Target	Achievement	
			4	5	6	7	
vi) <u>Production of some selected forest products</u>							
a)	Timber	'000 Cum	25	25	L.S	105	105
b)	Fuelwood	'000 Cum	100	100	L.S	450	450
c)	Bamboo	N.T					
	Commercial	'000	350	350	L.S	1,750	1,750
	Industrial	'000 NT	50	50		250	250
d)	<u>Minor Forest Products</u>						
	Cinnamon	'000 mt	.1	.1	L.S	.5	.5
	Cane	'000 m	50	50	L.S.	250	250
	Thatch	'000 Tonne	7	7	L.S	35	35
	Sand	'000 Cum	20	20	L.S	100	100
	Broomstick	'000 Mt	5	5	L.S	25	25
	Stone	'000 Cum	20	20	L.S	100	100
	Fish	'000 Tonnes	.5	.5	L.S	2	2
A	<u>CREATION :</u>						
1.	Coffee	Ha	50	50	1510	100	100
2.	Rubber	"	30	16	94	16	16
3.	Large Cardamom	"	150	100	946	100	100
4.	Betel vine	"	150	102	123	276	276
5.	Coconut	"	16	8	121	8	8
5.	Blace Pepper	"	20	2	100	2	2
7.	Arecanut	"	50	3	-	3	3
8.	Tea	"	60	-60	145	60	60
9.	Fertilizer	MT	65.20	-	-	L.S	L.S
10.	Inputs Transportation	"	L.S	L.S	L.S	L.S	L.S
11.	Purchase of planting materials	No	12.30	L.S	67.11	L.S	L.S
					Lakhs		
12.	Purchase of implements	Ha	L.S	-	L.S	L.S	L.S
	<u>TOTAL</u>	Ha	526	341	3106.11	565	565

II. Physical Target and Achievement during the Seventh Plan

Sl. No.	Items	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1989-90: Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
B. MAINTENANCE :							
1.	Coffee	Ha	1200	440	2202	1862	1862
2.	Rubber	"	100	144	1775	512	512
3.	Large Cardamom	"	251	225	104	756	756
4.	Betel vine	"	174	176	83	176	176
5.	Coconut	"	53	53	135	161	161
COOPERATION							
1.	Short Term Loans	Rs.in crores	0.46	0.07	1.50	0.90	0.90
2.	Medium Term Loans	"	1.00	0.85	2.38	3.21	3.21
3.	Long Term Loans	"	-	0.08	0.26	0.62	0.62
4.	Retail Sale of fertilizer	"	0.10	-	0.12	-	-
5.	Agriculture produce marketed	"	0.50	-	1.66	0.71	0.71
6.	Retail Sale of Consumer Goods by Urban Consumer Coops.	"	2.00	9.84	22.92	35.14	35.14
7.	Retail Sale of Consumer Goods through Coop.in rural areas.	"	1.00	0.41	2.50	0.77	0.77
8.	Coop. Storage	In thousand tonnes	3.00	-	6.775	1.475	1.475
9.	Processing Units						
	(a) Organised	No.(Cum)	-	1 No	-	-	3 Nos.
	(b) Installed		-	-	-	-	3 Nos.
10.	Construction of Office buildings etc.		-	-	Completion	Completed	-

II. Physical Target and Achievement during the Seventh Plan (State Share)

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan (1989-90)		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
1.	Subsidy to DRDA	No. of families	3807	2491	Nil	5689	5689
2.	DWCRA	Groups	30	30	55	55	55
3.	TRYSEM infrastructure	No. of training centres	NIL	37	Nil	57	57
4.	NREP/ JRY	Lakhs mandays	1.50	1.27	NIL.	2.02	2.02

II PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Item	Unit	1989 - 90		Total of Seventh Plan (1985-90)		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
1.	<u>SOCIAL EDUCATION</u>						
	a) On-going Constn. of Com.Hall to be completed	No	213	213	300	886	1120
	b) Constn. of Playground	Nos	155	135	300	861	1041
	c) Purchase of Musical Instruments	Nos	L.S	L.S	L.S	L.S	L.S
	d) Constn. of Central Y.M. Hall at Aizawl	Nos	1	1	1	1	1
	e) Constn. of Com.Hall at Kawnpui Convoy Ground	Nos	1	1	-	1	1
	f) Constn. of Vanmuailliana Run at Champhai	Nos	1	1	-	1	1
	g) Constn. of Saikuti Hall	Nos	1	1	-	1	1
2.	<u>RURAL HEALTH & SANITATION</u>						
	a) Constn./Imprvt. of Water tank	Nos	222	222	456	770	904
	b) Constn. of Urinal sheds	Nos	-	-	198	-	253
	c) Prizes for cleanliness Villages drives		-	-	150	-	153
3.	<u>RURAL COMMUNICATION</u>						
	a) Constn./Imprvt. of Jeep @ Rs.30,000/- and Rs. 15,000/- respectively	Kms	55.19	55.19	20	154.30	336.30
	b) Contn./Imprvt of IV Path @ Rs.1,000/- and Rs.500/- respectively	"	657	657	1000	2111	2898

PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Item	Unit	1989-90		Total of Seventh Plan		Commulative at the
			Target	Achievement	Target	Achievement	end of 1989-90
1	2	3	4	5	6	7	8
	c) Constn.of Suspension Bridges including Purchase of Wire-rope.	Nos	fund diverted for Constn.of Saikuti Hall at Lunglei		L.S	L.S	-
	d) Constn.of Culverts	Nos	L.S	L.S	L.S	L.S	65
4.	<u>HOUSING FOR PROJECT STAFF</u>	Nos	19	19	176	146	175
5.	<u>RURAL HOUSING</u> Purchase of G.C.I.Sheets for distribution to Rural Poor families.	Bndls.	11,776	11,776	L.S	10972	22748
6.	<u>NEW LAND USE POLICY</u> 1. Commissionariate 2. Administration/Direction 3. Block Administration 4. Agriculture.		-	-	-	-	-
	(1) <u>CROP HOUSE INDRY</u>						
	a) Food grain Crops	Unit	2,200	2,200	NIL	2,200	2,200
	b) Horti & Vegetable Dev.	Unit	625	625	NIL	625	625-Maintenanc
	c) Assistance to small and Marginal farmers	"	714	714	Nil	714	422-Fresh.

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 II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-90		Total 7th Plan 1985-90		Cumulative at the end of 1985-90 achievement.
			Target	Achievement	Target	achievement	
1	2	3	4	5	6	7	8
5)	<u>ANIMAL HUSBANDRY</u>						
a)	Cattle Dev. @ Rs.15,000/- Per family for 2 D. Cows	Family	314	292	-	315	292
b)	Poultry Dev. @ Rs.20,000/- per family	"	100	100	-	100	100
c)	Piggery Dev. @ Rs.16,500/- per family	"	145	145	-	145	145
d)	Other livestock Dev. @ Rs.5,000/- per family	"	2	22	-	22	22
6)	<u>INDUSTRY & MINERAL VILLAGE & SMALL INDUSTRY</u>						
a)	Units & Functioning	Nos (Cum)	228.00	228.00	-	228.00	228.00
b)	Production	Rs. in lakhs	63.00	63.00	-	63.00	63.00
c)	Persons Employed	Nos (100cum)	12.75	12.75	-	12.75	12.75
7)	<u>SOIL CONSERVATION</u>						
a)	Cost Crop Plantation	ha.	562	562	-	562	562
b)	Terracing scheme etc.	ha.	424	424	-	424	424
8)	<u>SERICULTURE</u>						
	Village & Small Industry	family	576	576	-	576	576
9)	<u>FORESTRY</u>						
	Forest & Wildlife	.000ha.	2.060	2.060	-	2.060	2.060

contd 14/-

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Item	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1989-90
			Target	Achievement	Target	Achievement	Achievement
1	2	3	4	5	6	7	8
<u>I. LAND REFORMS</u>							
	I Direction & Administration						
	a Posts created Group 'C'	Nos	-	-	63	12	9
	b Settled & Recorded of Land holdings	Nos	4000	4514	21,000	13,998	13,998
<u>II. SURVEY TRAINING</u>							
	a Inservice Personnel	Nos	5	5	82	64	64
	b Local Youths	Nos	15	15	73	28	28
<u>CO Cadastrally Surveyed</u>							
	i) Under Long Term Scheme (Village Wise)	Hectare	-	-	4000	2208	2208
	ii) Under Short Term Scheme (Piecemeal)	Hectare	-	-	3000	2032.754	2032.754
	d) Building Survey Marks Station	Nos	-	-	1400	1319	1319
<u>MEDIUM IRRIGATION</u>							
	1. Survey and Investigation (Mat Valley Project)	P.C	20%	20%	100%	80%	80%

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl No	Item	Unit	1989-90		Total 7th Plan (1985-90)		Cumulative at the end of 1989-90 Achievement.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
1.	<u>MINOR IRRIGATION SURFACE WATER</u>						
	a) Potential created	HA	544	544	3,059	3,054	6,254
	b) Utilization	HA	485	485	2,435	2,431	5,755
	<u>GENERAL</u>						
	s) <u>Director & Administration :</u>						
	1) Creation of :	No	NIL	NIL	2	2	2
	i) Division	No	2	2	6	6	6
	ii) Sub-Division	No	9	10	40	116	118
	2) Construction of Buildings	No	9	10	40	116	118
	3) Maintenance of Buildings	No	9	10	40	116	118
V.	<u>POWER</u>						
	i) Installed capacity	MW	0.95	-	17.20	14.25	25.70
	ii) Electricity Generated	MKWH	26.83	15.08	129.00	89.26	-
	iii) Electricity Sold	MKWH	37.91	38.65	278.00	135.24	-
	iv) Transmission Line (220KV and above)	KMs	-	-	-	-	-
	v) Rural Electrification						
	a) Villages electrified	Nos	65	44	350	225	357
	b) Pump sets energised by electricity	No	-	-	-	-	-
	c) Tube wells energised by electricity	Nos	-	-	-	-	-

II. PHYSICAL TARGET AND ACHIEVEMENT DURING SEVENTH PLAN

Sl. No.	Item	Unit	1989-90		Total 7th Plan(1985.90)		Cumulative at the end of 1989.90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
<u>VI. INDUSTRY & MINERALS</u>							
29	<u>Village & Small Industries</u>						
	i) <u>Small Scale Industries</u>						
	a) Units functioning	Nc'000	0.250	0.250	1.188	1.188	2.088
	b) Production	Rsin lakhs	200.00	200.00	2110.00	2110.00	5000.00
	c) Persons employed.	Nc'000	1.200	1.200	6.128	16.128	10.770
	ii) <u>Industrial Estates/Areas</u>						
	a) <u>Estates/Areas functioning</u>	Nos.(cum)	3	3	3	3	3
	b) No. of units	Nos'000	0.003	0.003	0.015	0.045	0.015
	c) Production	Rs. in lakhs	10.00	10.00	135.00	135.00	135.00
	d) Employment	Nos'000	0.060	0.060	0.300	0.300	0.300
	iii) <u>Handloom Industry</u>						
	a) Production	M.Me- tres	0.33	0.33	1.16	1.2	2
	b) Employment	Nos'000	0.750	0.750	7.650	8.000	9.000

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Item	Unit	1989-90		Total Seventh Plan (1985-90)		Commulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
<u>IV. Handicraft :</u>							
	a) Production	Rs. in lakhs	10.00	10.00	150.00	150.00	200.00
	b) Employment	Nos. '000	0.100	0.100	0.500	0.500	0.500
<u>V. Khadi & Village Industries :</u>							
a) Within the perview of KVIC							
	i) Production	Rs. in lakhs	100.00	100.00	632.00	632.00	632.00
	ii) Employment	No. '000	1.000	1.000	3.000	3.000	3.000
<u>VI. District Industries Centre :</u>							
	a) Unit registered	No.	250	394	1100	1188	2088
	B) No of artisans assisted	No. '000	0.150	0.150	0.750	0.750	1.500
<u>VII. Financial assistance obtained from financial Institutions</u>							
		Rs in lakhs	35.00	35.00	150.00	150.00	250.00
<u>AGRICULTURE</u>							
1.	Construction of building No.		1	1	149	59	59
2.	No. of Matriculate to be trained	No.	10	10	75	21	21
3.	No of farmers to be trained	No.	45	-	300	100	100
4.	Production of Ls.	Lakh Nos	9.35	1.20	36.50	32.24	32.24
5.	Area to be covered by plantations.	Hects. Lakh	0.0523	0.09	0.04	0.017	0.017

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Item	Unit	1989-90		Total Seventh Plan (1985-90)		Commulative at the end of 1989-1990
			Target	Achievement	Target	Achievement	Achievement
1	2	3	4	5	6	7	8
6.	Production of cocoons	Lakhs Kgs.	0.86	0.17	2.09	3.07	3.07
7.	No. of families to be assisted	No.	-	-	5,000	5,000	5,000
8.	Production of Raw Silk	Kg.	500	230	14,890	1,850	1,850
9.	Production of Silk cloths	Mtr.	1000	1000	10,000	9,000	9,000
10.	Production of silk Quilts	No.	3000	100	500	500	500
11.	Rugs	No.	-	20	500	100	100
12.	Carpets	No.	-	5	-	5	5
<u>ROAD & BRIDGE</u>							
<u>Other District Roads</u>							
1.	Aizawl-Thenzawl-Lunglei F/C		3	1	2	7	169
	Rd. 171Km (Including up-gradation to S.H. from Aizawl-Thenzawl 90Km)	I/W	8	9	10	34	34
		C&M	35	35	170	189	464
		P/W	70	70	1600	460	3660
		S/M	40	40	80	115	115
		B/T	40	30	80	75	75

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Item	Unit	1989-1990		Total 7th Plan (1985-90)		Cumulative at the end 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
2.	Kolasib-Bairabi-Zamung road(65km)i/c Upgradation to SE :between Kolasib to Bairabi (46km)	F/C	20	17	10	60	68
		I/W	-	-	7	7	7
		C&MB	90	90	60	225	285
		P/W	100	100	2000	1000	1000
		S/M	20	20	22	15	15
		B/T	20	-	22	-	-
3.	Lungsen-Chawngte Rd.53km.	F/C	-	-	3	30	53
		I/W	-	-	-	-	-
		C&MB	20	20	30	30	150
		P/W	100	100	750	750	1500
		S/M	10	10	-	14	14
		B/T	-	-	-	-	-
<u>RURAL ROADS UNDER MNP</u>							
1.	Diltlang-Chawngte Road (31km)	F/C	2	2	31	31	31
		I/W	-	-	-	-	-
		C&MB	25	25	80	25	25
		P/W	-	-	-	-	-
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-
2.	Keitun-N.Vanlaiphai Road (48km)	F/C	4	2	40	33	48
		I/W	-	-	-	15	15
		C&MB	25	25	-	70	70
		P/W	-	-	-	100	100
		S/M	-	-	-	5	5
		B/T	-	-	-	-	-

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Item	Unit	1989 - 1990		Total Seventh Plan (1985-1990)		Cumulative at the end of 1989-1990. Achievemet.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
3.	Saitual-Phullen-Suangpui-lawn - 85kms.	F/C	-	-	20	10	26
		I/W	10	10	-	19	19
		C&MB	60	60	100	110	110
		P/W	200	200	500	200	1000
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-
4.	Hnahthial-S.Vanlaiphei-Sangau Road - 60 kms	F/C	-	-	-	2	60
		I/W	1	1	-	8	8
		C&MB	5	5	30	7	150
		P/W	-	-	500	200	200
		S/M	7	7	5	7	7
		B/T	-	-	-	-	-
5.	Saika-Bualpui-Sangau Road-80 Kms	F/C	-	-	25	25	70
		I/W	5	5	-	10	10
		C&MB	5	5	-	5	5
		P/W	50	50	-	50	50
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-
6.	Serchhip-Zawlpui Rd.4.5 Kms	F/M	-	-	3	-	4.5
		I/W	-	-	-	-	-
		C&MB	-	-	20	5	5
		P/W	-	-	50	50	50
		S/M	2.5	2.5	3	2.5	2.5
		B/T	2.5	2.5	-	2.5	2.5

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
7.	Khawzawl-E.Lungdar Road 73kms.	F/C	-	-	-	-	73
		I/W	-	-	2	2	2
		C&MB	-	1	100	100	320
		P/W	-	-	3000	1000	2
		S/M	20	20	16	24	35
		B/T	8	-	16	-	-
8.	Hnahthiel-Thingsai Road 80kms	F/C	5	5	40	30	30
		I/W	-	-	-	-	-
		C&MB	-	-	-	-	-
9.	Champhai-Pheizau - 23Kms	F/C	-	-	10	9	13
		I/W	-	-	-	7	7
		C&MB	-	-	20	9	9
		P/W	-	-	100	50	50
		S/M	-	-	2	-	-
		B/T	-	-	2	-	-
10.	Kawlehaw-Tavngkawlawng - 80Kms	F/C	-	-	18	9	45
		I/W	10	-	10	11	11
		C&MB	-	-	20	9	50
		P/W	-	-	100	50	50
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-1990 Achievement.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
11.	Lunglei-Buarpui Rd.75 Kms	F/C	-	-	18	17	45
		I/W	10	10	10	10	20
		C&MB	-	-	50	-	-
		P/W	-	-	100	-	-
		S/M	-	-	10	-	-
		B/T	-	-	10	-	-
12.	Aizawl-Tezong-Reiek - 30 Kms	F/C	10	10	17	15	15
		I/W	2	2	2	2	2
		C&MB	10	10	10	10	10
		P/W	50	50	50	50	50
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-
13.	N.Vanliphai-Thingsai Rd.45Kms	F/C	-	-	2	1	10
		I/W	-	-	-	-	-
		C&MB	-	-	40	-	-
		P/W	-	-	800	-	-
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-
14.	Champhai-Mimbung Rd. 80Kms	F/C	-	-	7	-	45
		I/W	-	-	-	-	-
		C&MB	-	-	-	-	-
		P/W	-	-	-	-	-
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
15.	Kawlkulh-Lungpho via Chhawrtui Road - 43 Kms	F/C	15	-	-	-	45
		I/W	-	-	-	-	-
		C&MB	-	-	-	-	-
		P/W	-	-	-	-	-
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-
16.	Saiha-Chhuerlung-Sieta-Chapui-Zawngling-Tudpang Road - 120Kms	F/C	5	2	65	55	70
		I/W	-	-	-	-	-
		C&MB	-	-	-	-	-
		P/W	-	-	-	-	-
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-
17.	E.Phaileng-Suangpuilawn via Rungdil Road 46 Kms	F/C	-	-	27	20	46
		I/W	2	2	-	2	2
		C&MB	20	20	-	-	-
		P/W	-	180	180	100	100
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-
18.	Sakawrdai-Zohmun Rd. 14Kms	F/C	-	-	4	4	12
		I/W	-	-	-	-	-
		C&MB	-	-	-	-	-
		P/W	-	-	-	-	-
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
19.	S.Hlimen-Khewchhete-Lungleng Road - 10 Km	F/C	3	3	4	3	10
		I/W	-	-	-	4	4
		C&MB	-	-	-	-	-
		P/W	-	-	-	-	-
		S/M	-	-	-	-	-
		B/T	-	-	-	-	-
20.	Champhai-Tiau 25Km	F/C	-	-	5	2	10
		I/W	-	-	-	-	-
		C&MB	-	-	-	-	-
21.	Lawngtlai-Saiha Feeder Road 22Km	F/C	-	-	15	3	22
		I/W	-	-	5	5	5
		C&MB	-	-	-	-	-
22.	Kawichaw-Tuipang via Saorkawr	F/C	-	-	10	2.5	20
		I/W	-	-	-	-	-
		C&MB	-	-	-	-	-
23.	Vairengte-Saiphai Road 16 Km	F/C	-	-	2	1	16
		I/W	-	-	-	2	2
24.	Thenzawl-Chiipphir - 26Km	F/C	4	-	8	2	16
		I/W	-	-	-	-	-

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
25.	Bilkhawthlir-Chemphai-Saiphai Road	F/C	-	-	8	8	20
		I/W	-	-	-	-	-
		C&MB	16	16	16	16	16
		S/M	-	-	-	-	-
26.	Kolasib-Buhngangphai-Phaisen	F/C	-	-	2	-	17
		I/W	-	-	2	2	2
27.	Chawngte-Borapansury 35 Km	F/C	-	-	-	-	10
28.	Bairabi-Manit	F/C	2	-	-	-	-
29.	Zemabawk-Selesih	F/C	-	-	1	2	14
		I/W	-	-	-	-	-
		C&MB	-	-	-	-	+
		P/W	-	-	500	200	200
		S/M	2	2	4	4	4
		E/T	2	2	4	4	4
<u>ROAD WITHIN TOWNS</u>							
	Lizawl-Lunglei & Saiha	F/C	2.5	2.5	88	16	300
		I/W	13	14	47	61	61
		C&MB	130	12	620	122	122
		P/W	323	430	1285	2430	2430
		S/M	14	15	75	25	50
		E/T	19	15	89	25	150

ii. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
	Sattellite towns & villages	F/C	10	10	15	15	250 KM
		I/W	20	15	80	40	40 KM
		C&MB	15	10	30	15	15 No
		P/W	300	150	500	200	200 RM
		S/M	39	6	59	10	20 KM
		B/T	39	6	59	10	20 KM
<u>BRIDGES</u>							
	On going Schemes Total approx. span 302Km		25%	25%	100%	50%	
	Total of R&B	F/C	60	60	429	385	1235 KM
		I/W	51	57	311	159	700 KM
		C&MB	188	121	1303	1109	12500 RM
		P/W	450	1605	9000	11500	125000 RM
		S/B	120	67	351	236	573 KM
		B/T	87	39	269	139	573 KM.

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Items	Unit	1989-90		Total 7th Plan (1985-90)		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
1.	<u>DIRECTION & ADMINISTRATION</u>						
	a) Construction of Bus Terminal-cum-office building.	Nos	1	100%	1	100%	1
	b) Construction of Bus station staff quarter improvement.	Nos	10	100%	66	17	17
2.	<u>ACQUISITION OF FLEET</u>						
	a) Purchase of Bus	-	24	24	66	76	112
3.	<u>WORKSHOP FACILITIES</u>						
	a) Construction of Central Workshop	-	1	100%	1	100%	100%
	b) Purchase of Machineries	-	33	-	65	-	-
4.	<u>RESERCH AND TRAINING</u>	+	-	-	50	-	-
5.	<u>WELFARE CENTRE</u>	-	1	-	-	-	-
	<u>NAVIGATION AND FERRY SERVICES</u>						
a)	Maintenance of ferry services	No	2	2	10	8	8
B.	REMOVAL OF OBSTRUCTIONS	Km	10	10	104.25	93.00	93.00
C.	LANDING FACILITIES	No	8	8	10	10	10

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II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
1.	LAND AND BUILDING	NO	1	1	1	-	1
	<u>Science & Technology</u>						
1.	Direction & Administration	Appointment of Staff	11	-	99	11	11
2.	Remote Sensing Application Centre.	(1)Projects (2)Equipments	1 1	1 1	3 20	1 15	1 15
3.	Training of Scientific Manpower.	No. of students	21	26	30	33	33
4.	Assistance to Scientific Research Project.	No. of schemes.	1	1	4	4	4(1 completed 3 ongoing).
5.	Improvement of Rural Technologies.	No. of project.	3	1	3	1	1
6.	Computer Centre	No. of Centres	2	1	4	3	3
7.	Science Popularisation Programme.	(a)Publica- tion.	5000 copies per month.	achieved.	5000 copies per month.	achieved.	5000 copies/month.
		(b)Exhibition No.of times.	1	1	5	4	4
8.	Sub-Regional Science Centre.	No. of centres.	1	-	1	-	-

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II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
9.	Pollution Monitoring	No. of Equipments.	-	-	20	18	18
10.	Meteorological Field Centre.	No. of centres.	1	-	2	-	-
11.	Survey of Medicinal and Aromatic Plants.	No. of survey.	1	1	3	2	2
<u>TOURISM</u>							
1.	International Tourist arrivals.	No. of persons.	10	10	100	103	103
2.	Domestic Tourist arrivals.	No. of persons.	32,600	20,653	80,000	75,666	75,666
3.	<u>Accomodation</u>						
	(1) Tourist Lodges	(1)No. of rooms.	22	22	66	67	67
		(2)No. of bed	56	56	168	150	177
<u>ECONOMICS & STATISTICS</u>							
1.	Direction & Admn.	Posts in Nos.	13	-	91	17	17
	Construction/Purchase of Dist. Offices at Jangal & Sibir	No.	-	-	2	2	2

Contd.../-

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
<u>CIVIL SUPPLIES</u>							
1. <u>Direction & Administration</u>							
	Creation of posts	Nos.	-	-	26	26	26
2. <u>WORKS CONSTRUCTIONS</u>							
(a)	Construction of godowns				20 Nos.	20 Nos.	20 Nos.
(b)	Construction of Type II Qtrs.				49 Nos.	49 Nos.	49 Nos.
(c)	Construction of Type I Qtrs.				34 Nos.	34 Nos.	34 Nos.
(d)	Construction of Loading & Unloading shed				6 Nos.	6 Nos.	6 Nos.
<u>WEIGHTS & MEASURES</u>							
1.	<u>Material & Supply</u>	Sets					
	(Purchase of equipment)		10	10	54	54	54
2.	<u>Minor Works</u>	No.					
	(Construction of Sub-Division offices)		-	-	5	5	5

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11. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	I T E M S	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1985-90
			Target	Achievement	Target	Achievement	
1.	2.	3.	4.	5.	6.	7.	8.
<u>LAI DISTRICT COUNCIL</u>							
<u>I. RURAL COMMUNICATION.</u>							
1.	Const. of Jeep road	Km	44	44	50	93	90
2.	Sawnwood bridges	No	12	12	20	39	39
3.	Const. of Masonry Culvert per each.	No	10	10	8	18	18
4.	Const. of Retaining wall	No	8	8	7	16	16
5.	Const. of Masonry steps	Rm	1000	1000	500	1650	1650
6.	Const. of Masonry side drain	Rm	385	385	500	798	798
7.	Const. of I.V.P	Km	50	50	400	140	140
8.	Purchase of Dugout boat	No	4	4	10	18	18
9.	Purchase & Maintenance of Jeep.	No	-	-	4	2	2
<u>II. S A N I T A T I O N</u>							
1.	Const. of Public Latrine	No	40	40	90	160	160
2.	Const. of Public Urinals	No	50	50	50	180	180
3.	Const. of Pucca Latrine	No	3	3	-	16	16
4.	Const. of Pucca Urinals	No	5	5	-	10	10
5.	Const. of Pucca side drain	Rm	-	-	450	450	450

CONTD.

ANNUAL TARGET AND ACHIEVEMENT OF THE SEVENTH PLAN

Sl. No.	Items	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1985-90
			Target	Achievement	Target	Achievement	
1.	2.	3.	4.	5.	6.	7.	8.

III. WATER SUPPLY

1.	Const. of R.C.C. Water Tank	No.	6	6	-	14	14
2.	Const. of Water Tank @Rs.5000/- per each.	No.	36	36	46	210	210

IV. FOREST.

1.	Pre-works of plantation	ha	400	400	250	1400	1400
2.	Creation of Plantation	ha	400	400	250	1400	1400
3.	Maintenance of New Plantation @Rs.300/-per weeding for 3 weeding.	ha	267	267	-	500	500
4.	Maintenance of existing plantation @Rs.300/-per ha.	ha	453	453	675	858	858
5.	Preparation of Nursery beds @Rs.50/-per bed.	Bed	2000	2000	17000	6000	6000
6.	Roadside/Avenue plantation	Km	16	16	25	43	40
7.	Purchase of Dugout Boat @Rs.5000/-No.		4	4	12	20	20
8.	Const. and maintenance of Forest linked road.	Km	1	1	7	6	6

V. ART AND CULTURE

1.	Purchase & Maintenance of Radio	No	1	1	-	1	1
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II. PHYSICAL TARGET ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Items	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1985-90
			Target	Achievement	Target	Achievement	
1.	2.	3.	4.	5.	6.	7.	8.
2.	Const. of Musium	NO.	-	-	1	1	1
VI. <u>RURAL DEVELOPMENT</u>							
1.	Const. of Main Office building	No	1	1	10	10	10
2.	Const. of Masonry Culvert	No	-	-	-	2	2
VII. <u>AGRICULTURE</u>							
1.	Land Reclamation & Minor Irrigation	ha	130	130	-	230	230
2.	Const. of Checkdam	No	14	14	-	32	32
3.	Const. of Agri linked road @ Rs. 20,000/-	Km	77	77	-	168	168
4.	Distribution of Plough Animal @ Rs. 5000/-	EA	30	30	-	82	82
5.	Purchase of Tractors with maint.	No	3	3	-	3	3
VIII. <u>SOIL CONSERVATION</u>							
1.	Reclamation & Minor Irrigation	ha	-	-	-	50	50
2.	Maintenance of existing plantation	ha	250	250	-	452	452
3.	Const. of approach linked road	Km	28	28	-	68	68
4.	Preparation of Nursery beds	Beds	500	500	-	800	800

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II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Items	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1985-90
			Target	Achievement	Target	Achievement	
1.	2.	3.	4.	5.	6.	7.	8.

IX. COMMUNITY PROJECT

1. Implementation of Famine Relief Schemes

a)	Const. of Jeep road	Km	18	18	-	58	58
b)	Maintenance of Jeep road	Km	28	28	-	87	87
c)	Const. of Play ground	No	12	12	-	45	45
d)	Const. of Pavillion attached to Playground	No	2	2	-	2	2
2.	Maintenance of I.V.P.	Km	46	46	-	226	226
3.	Const. of Community Hall	No	3	3	-	20	20
4.	Const. of Town Hall at Lawngtlai	No	1	1	-	1	1
5.	Const. of Children Park	No	-	-	-	3	3

X. SOCIAL WELFARE

1.	Financial assistance to physically habdicapped	Person	80	80	-	130	130
2.	Financial assistance to old aged persioner	Person	400	400	-	400	400
3.	Const. of Tennis Court	No	1	1	-	1	1

XI. ANIMAL HUSBANDRY

1.	Grant-in-aid to farmers	fa	132	132	-	296	296
2.	Financial assistance to improved cows rearing.	No	-	-	-	27	27

TARGET AND ACHIEVEMENT

Sl. No.	Items	Unit	1985-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1985-90
			Target	Achievement	Target	Achievement	
1.	2.	3.	4.	5.	6.	7.	8.
3.	Departmental distribution of piglet	No.	80	80	-	145	145
4.	Departmental distribution of Poultry	No	100	100	-	175	175
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XII. <u>I N D U S T R Y</u>							
1.	Grant-in-aid to small scale Industrial Unit	fa	125	125	-	296	296
2.	Grant-in-aid to silk warm rearer	fa	10	10	-	55	55
3.	Industrial Demonstration Centre.	No	1	1	-	1	1
4.	Production-cum-Training centre.	No	1	1	-	1	1
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I. <u>MARA AUTONOMOUS DISTRICT COUNCIL</u>							
1.	Jeepable Road	Kms	23	23	77	77	77
2.	Const. of Agriculture link Road	Kms	10	10	16	16	16
3.	Inter-Village path	Kms	670	670	670	670	670
4.	Masonry Stone Steps	Kms	230	230	947	947	947
5.	R.C.C. Culvert	Nos	7	7	11	11	11
6.	Wooden timber Culvert	Nos	20	20	24	24	24
7.	Wooden Bridges	Nos	30	30	52	52	52
8.	Retaining Wall	Sqm	10	10	20	20	20
9.	Buildings/Quarters	Nos	4	4	15	15	15
10.	Truckable Road	Kms	-	-	11	11	11

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II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	I T E M S	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1985-90
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
11.	Latrine/Urinals/Dusbin	Nos	2	2	20	20	20
12.	R.C.C. Water Tanks	Nos	30	30	160	160	160
13.	Water Reservoir	Nos	3	3	8	8	8
14.	Forest Plantation	Hec.	472	472	832	832	832
15.	Coffe Nursery beds (Under Forest)	beds	1,000	1,000	2,220	2,200	2,200
16.	Coffe Nursery beds (Under-Soil conservation)	beds	2,000	2,000	6,000	6,000	6,000
17.	Playgrounds	Nos	26	26	58	58	58
18.	Community Halls	Nos	1	1	7	7	7
19.	Levelling of compounds	No.	-	-	1	1	1
<u>CHAKRA DISTRICT COUNCIL</u>							
<u>RURAL DEVELOPMENT:</u>							
1.	Construction of Office building	No	1	1	8	8	8

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl.No.	Item	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1985-90.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
II. AGRICULTURE:							
1.	Construction of Agri-link road	Km.	-	-	32	32	32
2.	Cash subsidy	Fam	700	700	1350	1350	1350
3.	Construction of Grade-Iv Staff quarter.	No.	1	1	1	1	1
4.	Construction of Agri-godown	No.	-	-	1	1	1
III. RURAL COMMUNICATION :							
1.	Construction of jeep road.	Km.	10	10	63	63	63
2.	Construction of wooden foot bridge	No.	30	30	50	50	50
3.	Construction of IVF.	Km.	55	55	350	350	350
IV. COMMUNITY PROJECT :							
1.	Construction of Community Hall.	No.	6	6	15	15	15
2.	Construction of Play ground.	No.	10	10	10	10	10
V. ARTS & CULTURE :							
1.	Construction of Office building for Arts & Culture Department.	No.	-	-	1	1	1

PERFORMANCE TARGETS AND ACHIEVEMENTS

Sl.No.	ITEM	Unit	1985-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1985-90.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
VI. WATER SUPPLY :-							
1.	Construction of water tank.	No.	75	75	300	300	300
2.	Construction of water treatment plan.	No.	-	-	1	1	1
VII. FOREST :							
1.	Construction of plantation	Hect.	300	300	1200	1200	1200
2.	Construction of botanical garden.	No.	1	1	1	1	1
3.	Construction of Beat Office.	No.	4	4	6	6	6
4.	Construction of Forest Check Post.	No.	7	7	7	7	7
VIII. SANITATION :							
1.	Construction of Public Urinal.	No.	70	70	307	307	307
2.	Construction of Public Latrine,	No.	75	75	330	330	330
3.	Construction of Bazar-shed.	No.	1	1	5	5	5
IX. INDUSTRY :							
1.	Grant-in-aid.	Person.	250	250	500	500	500
X. ANIMAL HUSBANDRY :							
1.	Cash subsidy.	Fam.	330	330	700	700	700

II. PHYSICAL TARGET AND ACHIEVEMENT UNDER THE SEVENTH PLAN

Sl.No.	Item	Unit	1999-93		Total Seventh Plan (1995-93)		Cumulative at the end of 1995-93.
			Target	Achievement.	Target	Achievement.	
1	2	3	4	5	6	7	8
<u>CHAKMA DISTRICT COUNCIL:</u>							
XII. <u>SOIL CONSERVATION</u> :							
1.	Cash subsidy for planting coconut/bateanut.	Fam.	200	200	300	300	300
XIII. <u>SOCIAL WELFARE</u> :							
1.	Financial assistance to helpless person/widow/orphanless babies.	per.	55	55	100	100	100
2.	Old aged pension.	Per.	100	100	100	100	100
<u>SOCIAL AND COMMUNITY</u>							
<u>SCHOOL EDUCATION</u>							
i) <u>Class I-V (Age group 6-10)</u>							
a) <u>Total Enrolment</u>							
	Boys	1000	47.60	56.02	56.02	56.02	56.02
	Girls	"	45.30	45.30	53.10	53.10	53.10
	TOTAL	"	92.90	92.90	110.00	110.00	110.00
ii) <u>Percentage to age-group:</u>							
	Boys		37.65	37.65	103.00	103.00	103.00
	Girls		36.00	36.00	83.74	83.74	83.74
	TOTAL	"	36.82	36.82	93.37	93.37	93.37

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	Items	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1989-1990
			Target	Achievement	Target	Achievement	
1.	2.	3.	4.	5.	6.	7.	8.

B0 Enrolment of Schedule Castes

Boys	'000						
Girls	"						
Total :-	"		N	I	I		

Enrolment of Schedule Tribes : '000

Boys	"	47.60	47.60	56.82	56.82	56.86
Girls	"	45.30	45.30	43.18	43.18	43.18
Total :-	"	92.90	92.90	110.00	110.00	110.00

Percentage of age-group:

Boys		68.00	68.00	73.62	73.62	73.62
Girls		68.00	68.00	76.54	76.54	76.54
Total :-		68.00	68.00	75.05	75.05	75.05

Secondary Education

i) Classes IX Enrolments :

Boys	'000	11.30	11.30	7.50	7.50	7.50
Girls	'000	11.30	11.30	6.00	6.00	6.00
Total :-	'000	22.30	22.30	13.50	13.50	13.50

2. Adult Education

i) Number of participants (age group)(15.35)

'000	11.10	11.10	30000	30000	30000
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TARGET AND ACHIEVEMENT

Sl. No.	Items	Unit	1989-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1989-1990
			Target	Achievement	Target	Achievement	
1.	2.	3.	4.	5.	6.	7.	8.

ii) No. of Centres opened under :

a) Central Programmes	'000	300	300	1500	1500	1500
b) States Programmes	'000	200	200	1050	1050	1050
c) Voluntary Agencies	"	-	-	160	160	160
d) Other Programmes	"	9	9	10	10	10

3. Teachers :

i) Primary Classes I-V	'000	126	126	600	600	600
ii) Middle Classes VI-VII	"	130	130	650	650	650
iii) IX-X Secondary Classes	"	9	9	45	45	45
iv) Higher Secondary-Classes XI - XII	"	-	-	-	-	-

I. 221,2282-Education
83-University & Higher Education

1. 103(1)- Govt. Colleges

Constn. of building	College	4	Nil	4	2	2
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2. 103(2)-College of Teachers' Education

3. 104(1)-Asst. to Non-Govt. Colleges

1) Maintenance of Colleges	College	6	6	15	10	10
2) Opening of Science & Maths Deptt. College	College	3	1	10	3	3

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III. PHYSICAL TARGET AND ACHIEVEMENT DURING THE SEVENTH PLAN

Sl. No.	ITEM	Units	1989-90		Total 7th Plan (1985-90)		Cumulative at the end of 1989-90 achieve
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
	3) Qualitative Improvement	College	5	5	10	10	10
	4) Construction of building	College	3	2	10	7	7
4.	<u>137(3)-Mizoram Scholarship Board</u> Appointment	Staff	2	1	2	1	1
5.	<u>137(1)-Post Matric Scholarship</u> Scholarship	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.
II.	<u>221, 2203-Technical Education</u>						
1.	<u>136(1) - Polytechnic</u>						
	1) Appointment	Staff	15	NIL	20	5	5
	2) Construction of Building	Institution	Nos.	NIL	NOS	3	3
C.	<u>Physical Education</u>						
	1) Training for B.Ped./C.Ped.	Nos	5	3	50	26	26
D.	<u>Youth Welfare Programme</u>						
7	a) <u>National Cadet Corps</u>						
	1) Participation/Training etc.	L.S.	L.S.	L.S.	L.S.	L.S.	L.S.
	b) <u>Scouts & Guides</u>						
	1) Participation/Camping/Rally etc.	Nos.	20	20	100	100	100
c)	<u>Youth Adventure</u>						
	1. Expedition/Camping Training etc.	I. Nos.	12	12	60	60	60
d)	<u>M.S.S.</u>						
	1) Enrolment	Nos	4000	4000	4000	4000	4000 Student.

II. PHYSICAL TARGETS AND ACHIEVEMENT DURING THE SEVENTH PLAN

No	ITEM	Unit	1988-90		Total Seventh Plan (1985-90)		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
	2	3	4	5	6	7	8

Sports & Coaching

a) Sports & Games

1) Participation at National/International Sports events.

Nos 10 10 30 30 30

2) Purchase of Sports Materials etc.

L.S. L.S. L.S. L.S. L.S. L.S.

b) Sports Council :

Grant-in-aid

L.S. - - L.S. - L.S.

ARTS & CULTURE

Creation of Directorate of Arts & Culture.

No. 1 1 1 1 1

Construction of Museum Building

No. 1 1 1 1 1

HEALTH - FAMILY WELFARE

HOSPITALS :

Urban

Nos - - - - 7

Rural

Nos 1 - 4 3 4

IPDS

Urban Hospitals & Dispensary.

Nos - - 172 172 700

Rural Hospital & Dispensary

Nos 60 - 310 200 606

Bed Population ratio

No(Per thousand) 1:0 1:0 1:9 1:3 1:0

Nurse & Doctor ratio

No(Per 3 Doctors) 4:1 4:1 5:1 4:1 4:1

Doctor Population ratio

No(per 1000 population) 1:4000 1:4000 1:4000 1:4000 1:4000

II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8

III. HEALTH CENTRES

Sub-Centres	Nos.	12	12	58	58	220
Primary Health Centre	Nos.	3	-	18	15	33

IV. TRAINING OF AUXILIARY NURSES/ MIDWIVES

Institute	Nos.	-	-	-	-	1
Annual Intake	Nos.	40	40	200	200	1000
Annual Outturn	Nos.	40	40	200	200	1000

MATERNITY & CHILD WELFARE CENTRES:

(OTHER THAN PHCs, SHCs, SUB-CENTRES)

Rural	Nos.	-	-	-	-	-
Urban	Nos.	-	-	-	-	-

TRAINING & EMPLOYMENT OF MULTIPURPOSE WORKERS:

District covered.	Nos.	3	3	3	3	3
Trainees trained.	Nos.	6	6	6	6	6
Workers trained.	Nos.	40	40	200	200	200

II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8

XII. VILLAGE HEALTH GUIDES SCHEMES :

a) VHG's selected	Nos.	Not fixed	-	-	-	-	217
b) CHG's trained	Nos.	"	-	-	-	-	317
c) CHC's working in the field.	Nos.	"	-	-	-	-	580
d) No. of P.H.C's covered.	Nos.	"	-	-	-	-	33

1. HEALTH CENTRES:

Sub-Centres	Nos.	12	12	58	58	220
Primary Health Centres	Nos.	3	-	18	15	33
Community Health Centres	Nos.	1	-	4	3	4

1. SEWERAGE & WATER SUPPLY

A) URBAN WATER SUPPLY Cumulative

i) Other towns :-

a) Original Scheme:

Towns covered	Nos.	1	1 partial	2	1 partial	1 partial
Population covered	Lakhs	0.40	0.30	1.4	0.788	0.788

ii. URBAN LOW COST SANITATION

a) Community Latrines constructed.	Nos.	-	-	-	-	-
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Contd..../-

II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
	b) Household Latrines constructed.	Nos.	400	234	1420	970	970
	c) Towns covered.	Nos.	1	1	2	1	1
	d) Population covered.	Lakhs	0.02	0.016	0.09	0.068	0.067
	<u>B) RURAL WATER SUPPLY</u>						
	<u>MINIMUM NEED PROGRAMME</u>						
	(State Sector)						
	a) Piped Water Supply :						
	Villages covered.	Nos.	24	31	172	170	270
	Population covered	Lakhs	0.12	0.12	0.905	0.89	2.27
	b) Handpump Tubewells :						
	Villages covered	Nos.	5	-	15	-	-
	Population covered.	Lakhs	0.02	-	0.09	-	-
	c) Open Dug Wells :						
	Villages covered	Nos.	-	-	20	2	3
	Population covered	Lakhs	-	-	0.125	0.03	0.04

Contd..../-

II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
	d) Others :						
	i) Rain Water Harvesting/collection covered.	Nos.	10	1	40	8	14
	Population	Lakhs	0.04	0.001	0.16	0.057	0.17
	ii) Improvement of Spring Source:						
	Village covered.	Nos.	7	7	-	9	50
	Population covered	Lakhs	0.005	0.02	-	0.02	0.07
	c) <u>RURAL SANITATION</u>						
	<u>State Section (MNF)</u>						
	i) Community Latrines construction.	Nos.	-	-	-	-	-
	ii) Household Latrines construction.	Nos.	800	150	365	800	800
	iii) Villages covered.	Nos.	2	1	2	5	5
	iv) Population covered.	Lakhs	0.056	0.01	0.06	0.050	0.050

Contd...../-

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

GOVT. HOUSING

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
1.	Constn. of Single officers Hostel and Mess unit at Aizawl.	%	50%	40%	100%	80%	80%
2.	Constn. of Government Residential quarter						
	1) Aizawl District-45 nos	Nos	5	5	45	45	843
	2) Lunglei District-12 nos		2	2	12	12	213
	3) Chhintaipui Dist.-12Nos		2	2	12	12	140
3.	Constn. of A.O's Qtrs. at various places in Mizoram						
	1) Phase I- 18Nos	No	-	-	-	-	18
	2) Phase II- 15 Nos		3	3	15	15	15
4.	Constn. of S.D.O(C)Qtrs.5Nos. No		-	-	3	3	5
5.	Constn. of PWD Divisional Staff qtrs. at various places in Mizoram	No					
	1) Aizawl Dist- 20 Nos	No	4	2	20	20	345
	2) Lunglei Dist - 10 Nos		2	2	10	10	63
	3) Chhintaipui Dist-12 Nos		2	2	12	12	38
6.	Constn. of Residential qtr at Luantual and Zuangtui-15 Nos	No-	8	7	15	15	15

contd...../-

II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
7.	Constn. of Seniors Officers qtrs. at Aizawl- 7 units	No	3	-	7	4	4
8.	Constn. of Accomodation for Officers on deputation Type-III - 2 Nos	No	-	-	11	11	11
9.	Constn. CL/SE PWD Staff Qtrs						
	1) Aizawl Dist. - 30 Nos	No	-	-	30	12	12
	2) Lunglei Dist - 10 Nos	No	-	-	10	8	8
10.	Constn. of Type II qtrs at Ramhlun Veng, Tuikhuahtlang and Shivaji Tillah	No	-	-	10	10	10
11.	Constn. of Sub-Divisional Staff qtrs.						
	1) Aizawl Dist. - 10 Nos	No	-	-	10	10	10
	2) Lunglei Dist - 5 Nos	Nos	-	-	5	5	5

Note : Column 8 show all the building in Mizoram under Govt. Housing at end of 7th Plan

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II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
	PUBLIC HOUSING	Nos	107	83	525	1) 442) 2) Approach Road to Mualpui 2.4.Km	1) 947 2) Approach Road to Mualpui 2.4 Km
1.	Housing Loan	Nos	774	774	4219	4219	4219
2.	Land Acq. & Development	Ha	10	10	60	60	60
3.	Resettlement of Village	Nos	3	3	19	19	19
4.	Provision of House -site	Nos	-	-	-	-	-
5.	Constn.Assistance	Nos	-	-	1729	172	172
6.	Direction & Administration	-	-	-	-	-	-
7.	E.W.S. Loan	Nos	100	100	1060	1060	1060
8.	Community Hall	Nos	60	60	135	135	135
9.	Village Council Houses	Nos	-	-	510	510	510
10.	I.F.S.H	No	-	-	600	600	600
1.	Shop and Market Centre	Nos	10	10	45	45	45
2.	Septic Tank Loan	Nos	140	140	940	940	940
3.	Minor Roads	KM	10	10	30	30	30
4.	Parks and Recreational Places	Sqm	1495	1495	7850	7850	7850
5.	Beautification Schemes	Nos	20	20	70	70	70
6.	H.I.E.S	Popu- lation	5000	5000	15000	15000	15000

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II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
7.	Steps.	R.M.	14000	14000	43200	43200	43200
8.	Sanitation.	Nos	60	60	420	420	420
9.	Building	Nos	1	1	3	3	3
10.	Vehicles	Nos	1	1	6	6	6
<u>STATE CAPITAL PROJECT</u>							
A.	Direction & Administration	No.	No new crea- tion pro- posed.	No new post created.	1 Divn. & 4 Sub-Divn. 1 Sr.Arch. Subordinate.	1 Divn 1 Arch with Subordinate.	1 Divn. & 2 Sub-Divns 1 Arch.
B.	Machineries & Equipments.	No.	Road Roller -1.	Road Rol- ler-1No.	Road Roll- ler, Trucks, Air Comp- pressors vehicles.	Trucks=2Nos. Air Comp= 1 No. Road Roller = 1 No.	Trucks = 2 Nos. Air = 1 No. Dozer = 1 No. Road Roller = 1 No.
C.	Works						
1.	(i) Internal approach road to Govt.Qtrs.at Luangmuol Phase-I (0.8Km)	Pc	12 %	12 %	100 %	100 %	100 %
	(ii) Constr.of Lower Internal approach road to Luangmuol Phase-VI (3.00Km)	Pc	15 %	15 %	100 %	100 %	100 %
2.	Constn.of Shopping Centre at Luangmuol.	Pc	20 %	20 %	100 %	100 %	100 %
3.	Improvement & Widening of approach road No.I to Aizawl						

Sl. No.	Item	Unit	1989 - 1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
	Expansion Project Road No. I & II (3.00Km)	Pc	-	-	100 %	100 %	100 %
4.	Soling,metalling and E.Top- ping of Road No.I&II(2.50Km)	Pc	3 %	3 %	100 %	100 %	100 %
5.	Constn.of VIP Residence Type-V and Sr.Officers Qtrs. Type-IV.	Pc	25 %	25 %	100 %	100 %	100 %
6.	Furnishing of Special Type-V Qtrs. (4 Nos.)	Pc	10 %	10 %	100 %	100 %	100 %
7.	Constn.of Planning Deptt. Building at Aizawl.	Pc	20 %	20 %	100 %	100 %	100 %
8.	Approach road to NEHU Campus including Soling,metalling and Black topping(3.55Km)	Pc	18 %	18 %	100 %	100 %	100 %
9.	Widening of road No.I from Junction of road No.II to Ch.Chhunga High School(3.00Km)	Pc	5 %	5 %	10 %	10 %	10 %
10.	Constn.of Addl.Sectt.Building at Aizawl.	Pc	10 %	5 %	10 %	5 %	5 %
11.	Improvement of road from:- (i)Sakawrtuichhun (1.60Km) (ii)Tanhril (1.60Km) (iii)Luangmual (4.013Km)	Pc	30 %	30 %	50 %	50 %	50 %
12.	Widening of road from Vaiva- kawn to Lungmual junction road No.II including soling, metalling and black topping (0.560 Km)	Pc	30 %	20 %	100 %	90 %	90 %

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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8

TOWN & COUNTRY PLANNING OFFICE, LAD

I.05 OTHER URBAN

1.	Resettlement of villages, viz. N.K. Hawlek, Dungtlang	Nos	-	-	2	2	2
2.	Structure Development Plan Preparation of towns viz. Champhai, Bairabi, Bilkhawthlir, Khawzawl	Nos	-	-	4	4	4
3.	Structure Development Plan Preparation of towns such as - Aizawl, Lunglei, Thenzawl and Hnahthial	Nos	4	4	4	4	
4.	Execution and implementation of contained in the Development schemes structure Dev. Plan of Bilkhawthlir town.	No	1	1	1	1	

II. 03. INTEGRATED DEVELOPMENT OF SMALL & MEDIUM TOWNS

	Construction of Market complex, Bus terminal, car parking, Road diversion etc. at Lunglei	No	1	1	1		
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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8

I N F O R M A T I O N

1.	Production of Films	Nc	Nc	3	3	2	-
2.	Public Exhibition of Films	Nc	Nc	6	10	16 Ncs	16
3.	Research & Training in Mass Communication	Nc	Nc	3	5	5	5
4.	Information Centres						
	1) Opening of Information Centre	Nc	-	-	6	1	1
5.	Press Information Services						
	1) Subscription of PTI	Nc	-	-	3	2	2
	2) Subscription of UNI	Nc	-	-	1	-	1
	3) Purchase of good plain paper copier	Nc	-	-	1	1	1
	4) Electronic Duplicating Machines	Nc	-	-	1	1	
6.	Field Publicity						
	1) Purchase of Projector	Nc	-	-	9	5	5
	2) Purchase of Generator	Nc	-	-	1	5	5
7.	Publication						
	1) Mizoram Calendar	Copy	10,000	10,000	45,000	45,000	45,000
	2) Mizoram News Magazine/ Folder/Leaflets etc.	Copy	Copies	86,000	1,325	1,41,500	1,41,500

II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
8.	1) Community Radio & Television						
	a) Television Sets	No	-	-	20	25	25
	b) Community Listening Sets	No	60	-	20	60	60
	c) Video Camera	No	-	-	1	1	1
9.	2) Cultural & Social Activities						
	a) Republic Day Celebration at New Delhi and at State Capital	No	1	1	5 each	4 each	
	b) Bharat Dharsan Tour etc.	No	No	2	No	No	

LABOUR & EMPLOYMENT

4. Directorate

1. Apprenticeship Training

(a)	Incremental part of Stipend clerical & Engineering	Nos	55	55	275	200	200
(b)	Jr. Apprenticeship Advisor-cum-Junior Engineer	Nos	1	1	1	1	1

II. Employment

(a)	Employment Officer	Nos	1	-	1	-	-
(b)	Asst. Employment Officer	Nos	1	1	1	1	1
(c)	Construction of Directorate						

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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8

III. C.S.S.

(Employment Exchange for Promotion of Self-Employment)

(a)	Asst. Employment Officer	Nos	1	1	1	1	1
(b)	Jr. Employment Officer	Nos	1	1	1	1	1
(c)	Statistical Asst.	Nos	2	2	2	2	2
(d)	Salary of IDC.	Nos	1	1	1	1	1

I. WELFARE OF WOMEN

i)	Field Trip & Conducted tour	Nos	-	-	25	25	25
ii)	Social Eco. Programme for destitute women.		233	417	360	892	892

II. CHILD WELFARE

a	Pre-School Education		80	80	80	80	80
b	Creches/Day Care Centre		13	13	13	13	35
c	Children's Competition		-	-	15	3	3
d	Library-cum-Recreational Centre		-	-	20	-	7

III. CORRECTIONAL SERVICES

A. S.I.T. ACT

i)	<u>Protective Home</u>						
	Creation of posts	Nos	-	-	18	9	9

contd.....

II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
V.	<u>WELFARE OF POOR & DESTITUTE</u>						
	a) Old Age Pension	Persons	625	625	288	625	2291
VI.	<u>WELFARE OF HANDICAPPED</u>						
	a) Stipend for Vocational training of handicapped persons	Persons	25	25	25	25	105
	b) Stipend/Scholarship to handicapped students.	Persons	150	-	1400	1400	1570
	c) Economic Rehabilitation for handicapped persons	Persons	100	398	340	488	988
	d) <u>Deaf & Dumb School</u>						
	i) Stipend to Teacher Trainer	Persons	-	-	12	-	-
VII.	<u>GRANTS-IN-AID TO VOL. ORGN.</u>	Nos	240	540	500	985	1636
VIII.	<u>PREVENTIVE SERVICES</u>						
	a) Old Age Home	No	-	-	1	1	1
1.	Special Nutrition Programme	Persons	72,500	66,033	66,000 each year	72,500	72,500
2.	Midday Meal Programme	Persons	10,000	15,000	10,000	15,000	15,000
3.	Community Nutrition Feed & <u>Extension centre posts.</u>						
	a) Construction of Nutrition Extension Centre	building	1	1	-	-	1

contd....

II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
1.	<u>Direction & Admn</u>						
	Construction of Directorate Office	p.c	67%	67%	100%	100%	100%
2.	<u>JAILS</u>						
	Construction of Jail buildings	No	2	2	2	2	2
3.	<u>VOCATIONAL TRAINING CENTRE</u>						
	Welfare of prisoners	p.c.	50%	50%	50%	50%	50%
4.	<u>MODERNISATION JAILS</u>						
	Construction of buildings	Nos	3	3	3	3	3
5.	<u>Upgradation fund</u>						
	(a) Construction of Sub-Jail at Champhai	Nos	-	-	2	2	2
	(b) Construction of Security fencing and quarters at District Jail, Aizawl.	p.c.	-	-	100%	100%	100%
	<u>PRINTING & STATIONERY</u>						
	1. R.C.C. Buildings				5	4	4
	2. Assam Type Buildings				4	4	4
	3. Machinery & Equipment		1	1	23	23	23
	4. Training				15	29	29
	5. Vehicles		1	1	8	5	5
	6. L.S.		L.S.	L.S.	L.S.	L.S.	L.S.
	Rent		L.S.	L.S.	L.S.	L.S.	L.S.

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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative, at the end of 1989-1990 Achievement.
			Targets	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
<u>PUBLIC WORKS BUILDING</u>							
1.	Construction of CE, PWD Office at Aizawi.	E.C.	45	45	100	45	45
2.	Re-Constn. of Hmuifang Division at New Site	E.C.	2	2	100	100	100
3.	a) Constn. of Dak-Bungalow at Silchar	P.C.	-	-	-	-	50
	b) Constn. of Mizoram House Staff ctr. at Silchar						100
4.	Constn. of A.O. Office Bldg. at a) Vairengte; b) Tuipuibari; c) Phullen	P.C.	NIL	NIL	100	100	100
5.	Constn. of S.D.O. (Civil) Office cum Treasury Office at a) Champhai b) Chawngte c) Saiha d) Kolasib e) Mamit	P.C.	30	80	100	100	100
6.	Constn. of P.W.D. Laboratory Bldg at Zemabawk	P.C.	Nil	Nil	100	100	100
7.	Constn. of Store Sub-Divn. with Storeyard at Lunglei	P.C.	Nil	Nil	100	100	100
8.	Renovation & Extension of CE, PWD Office for accomodating new cells etc.	P.C.	Nil	Nil	100	100	100

contd.....

II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1.	2.	3.	4.	5.	6.	7.	8.
9.	Constn. of Mechanical Divn. Office at Aizawl	P.C.	-	-	100	100	100
10.	Constn. of E.E., PWD Tlabung Division Office	P.C.	-	-	100	100	100
11.	Constn. of PWD Staff Qtr. at Sateek Sub-Division	P.C.	-	-	100	100	100
12.	Constn. of S.E. Lunglei Circle Office	P.C.	-	-	100	100	100
13.	Constn. of Circuit House at Lawngtlai i/c furnishing of Lawngtlai	P.C.	-	-	100	100	100
14.	Renovation & Extension of existing CE, PWD Office for accomodating new cell	P.C.	-	-	100	100	100
15.	Constn. of Staff qtr. at Mizoram House, Calcutta	P.C.	-	-	100	100	100
1.	Training Programmes	No	9	9	25	28	28

II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1985-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8

XII. VILLAGE HEALTH GUIDES SCHEMES :

a) VHG's selected	Nos.	Not fixed	-	-	-	217
b) CHG's trained	Nos.	"	-	-	-	317
c) CHC's working in the field.	Nos.	"	-	-	-	500
d) No. of P.H.C's covered.	Nos.	"	-	-	-	33

1. HEALTH CENTRES:

Sub-Centres	Nos.	12	12	58	58	220
Primary Health Centres	Nos.	3	-	18	15	33
Community Health Centres	Nos.	1	-	4	3	4

1. SEWERAGE & WATER SUPPLY

A) URBAN WATER SUPPLY	Cumulative					
i) Other towns :-						
a) Original Scheme:						
Towns covered	Nos.	1	1 partial	2	1 partial	1 partial
Population covered	Lakhs	0.40	0.30	1.4	0.788	0.788

ii. URBAN LOW COST SANITATION

a) Community Latrines constructed.	Nos.	-	-	-	-	-
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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
	b) Household Latrines constructed.	Nos.	400	234	1420	970	970
	c) Towns covered.	Nos.	1	1	2	1	1
	d) Population covered.	Lakhs	0.02	0.016	0.09	0.068	0.067
	<u>B) RURAL WATER SUPPLY</u>						
	<u>MINIMUM NEED PROGRAMME</u>						
	(State Sector)						
	a) Piped Water Supply :						
	Villages covered.	Nos.	24	31	172	170	270
	Population covered	Lakhs	0.12	0.12	0.905	0.89	2.27
	b) Handpump Tubewells :						
	Villages covered	Nos.	5	-	15	-	-
	Population covered.	Lakhs	0.02	-	0.09	-	-
	c) Open Dug Wells :						
	Villages covered	Nos.	-	-	20	2	3
	Population covered	Lakhs	-	-	0.125	0.03	0.04

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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
	d) Others :						
	i) Rain Water Harvesting/collection covered.	Nos.	10	1	40	8	14
	Population	Lakhs	0.04	0.001	0.16	0.057	0.17
	ii) Improvement of Spring Source:						
	Village covered.	Nos.	7	7	-	9	59
	Population covered	Lakhs	0.005	0.02	-	0.02	0.07
	c) <u>RURAL SANITATION</u>						
	<u>State Section (MNP)</u>						
	i) Community Latrines construction.	Nos.	-	-	-	-	7
	ii) Household Latrines construction.	Nos.	800	150	865	800	800
	iii) Villages covered.	Nos.	2	1	2	5	5
	iv) Population covered.	Lakhs	0.056	0.01	0.06	0.050	0.050

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II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

GOVT. HOUSING

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
1.	Constn. of Single officers Hostel and Mess unit at Aizawl.	%	50%	40%	100%	80%	80%
2.	Constn. of Government Residential quarter						
	1) Aizawl District-45 nos	Nos	5	5	45	45	943
	2) Lunglei District-12 nos		2	2	12	12	213
	3) Chhiantuipui Dist.-12Nos		2	2	12	12	140
3.	Constn. of A.O'S Qtrs. at various places in Mizoram						
	1) Phase I- 18Nos	No	-	-	-	-	18
	2) Phase II- 15 Nos		3	3	15	15	15
4.	Constn. of S.D.O(C)Qtrs.5Nos.	No	-	-	3	3	5
5.	Constn. of PWD Divisional Staff qtrs. at various places in Mizoram	No					
	1) Aizawl Dist- 20 Nos	No	4	2	20	20	345
	2) Lunglei Dist - 10 Nos		2	2	10	10	63
	3) Chhiantuipui Dist-12 Nos		2	2	12	12	38
6.	Constn. of Residential qtr at Iuanpual and Zuangtui-15 Nos	No	8	7	15	15	15

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II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
7.	Constn. of Seniors Officers qtrs. at Aizawl- 7 units	No	3	-	7	4	4
8.	Constn. of Accomodation for Officers on deputation Type-III - 2 Nos	No	-	-	11	11	11
9.	Constn. CL/SE PWD Staff Qtrs						
	1) Aizawl Dist. - 30 Nos	No	-	-	30	12	12
	2) Lunglei Dist - 10 Nos	No	-	-	10	8	8
10.	Constn. of Type II qtrs at Ramhlun Veng, Tuikhuahtlang and Shivaji Tillah	No	-	-	10	10	10
11.	Constn. of Sub-Divisional Staff qtrs.						
	1) Aizawl Dist. - 10 Nos	No.	-	-	10	10	10
	2) Lunglei Dist - 5 Nos	Nos	-	-	5	5	5

Note : Column 8 show all the building in Mizoram under Govt. Housing at end of 7th Plan.

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II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
	2	3	4	5	6	7	8
	POLICE HOUSING	Nos	107	83	525	1) 442) 2) Approach Road to Mualpui 2.4.Km	1) 947 2) Approach Road to Mualpui 2.4 Km
1.	Housing Loan	Nos	774	774	4219	4219	4219
2.	Land Acq. & Development	Ha	10	10	60	60	60
3.	Resettlement of Village	Nos	3	3	19	19	19
4.	Provision of House -site	Nos	-	-	-	-	-
5.	Constn.Assistance	Nos	-	-	1729	172	172
6.	Direction & Administration	-	-	-	-	-	-
7.	E.W.J. Loan	Nos	100	100	1060	1060	1060
8.	Community Hall	Nos	60	60	135	135	135
9.	Village Council Houses	Nos	-	-	510	510	510
10.	I.Y.S.F	Nc	-	-	600	600	600
1.	Shop and Market Centre	Nos	10	10	45	45	45
2.	Septic Tank Loan	Nos	140	140	940	940	940
3.	Minor Roads	KM	10	10	30	30	30
4.	Parks and Recreational Places	Sqm	1495	1495	7850	7850	7850
5.	Beutification Schemes	Nos	20	20	70	70	70
6.	E.I.U.S	Popu lation	5000	5000	15000	15000	15000

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II. PHYSICAL TARGET AND ACHIEVEMENT DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
7.	Steps.	R.M.	14000	14000	43200	43200	43200
8.	Sanitation.	Nos	60	60	420	420	420
9.	Building	Nos	1	1	3	3	3
10.	Vehicles	Nos	1	1	6	6	6

STATE CAPITAL PROJECT

A.	Direction & Administration	No.	No new crea- tion pro- posed.	No new post created.	1 Divn. & 4 Sub-Divn. 1 Sr.Arch. Subordinate.	1 Divn 1 Arch with Subordinate.	1 Divn. & 2 Sub-Divns 1 Arch.
B.	Machineries & Equipments.	No.	Road Roller -I.	Road Rol- ler-1No.	Road Rol- ler, Trucks, Air Comp= Air Com- pressors vehicles.	Trucks=2Nos. Air Comp= 1 No. Road Roller = 1 No.	Trucks = 2 Nos. Air = 1 No. Dozer = 1 No. Road Roller = 1 No.
C.	Works						
1.	(i) Internal approach road to Govt. Qtrs. at Luangmual Phase-I (2.0Km)	Pc	12 %	12 %	100 %	100 %	100 %
	(ii) Constr. of Lower Internal approach road to Luangmual Phase-II (3.00Km)	Pc	15 %	15 %	100 %	100 %	100 %
2.	Constr. of Shopping Centre at Luangmual.	Pc	20 %	20 %	100 %	100 %	100 %
	Improvement & Widening of						

Sl. No.	Item	Unit	1989 - 1990		Total Seventh Plan 1985-90		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
	Expansion Project Road No. I & II (3.00Km)	Pc	-	-	100 %	100 %	100 %
4.	Soling,metalling and E.Top- ping of Road No.I&II(2.50Km)	Pc	8 %	8 %	100 %	100 %	100 %
5.	Constn.of VIF Residence Type-V and Sr.Officers Qtrs. Type-IV.	Pc	25 %	25 %	100 %	100 %	100 %
6.	Furnishing of Special Type-V Qtrs. (4 Nos.)	Pc	10 %	10 %	100 %	100 %	100 %
7.	Constn.of Planning Deptt. Building at Aizawl.	Pc	20 %	20 %	100 %	100 %	100 %
8.	Approach road to NEHU Campus including Soling,metalling and Black topping(3.55km)	Pc	18 %	18 %	100 %	100 %	100 %
9.	Widening of road No.I from Junction of road No.II to Ch.Chhunga High School(3.00km)	Pc	5 %	5 %	10 %	10 %	10 %
10.	Constn.of Addl.Sectt.Building at Aizawl.	Pc	10 %	5 %	10 %	5 %	5 %
11.	Improvement of road from:- (i)Sakawrtuichhun (1.60km) (ii)Tanhril (1.60km) (iii)Luangmuel (4.013km)	Pc	30 %	30 %	50 %	50 %	50 %
12.	Widening of road from Vaiva- kawn to Lungmucl junction road No.II including soling, metalling and black topping (0.550 Km)	Pc	30 %	20 %	100 %	90 %	90 %

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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8

TOWN & COUNTRY PLANNING OFFICE, L.A.D

I.05 OTHER URBAN

1.	Resettlement of villages, viz. N.K.Hawlek, Dungtlang	Nos	-	-	2	2	2
2.	Structure Development Plan Preparation of towns viz. Champhai, Bairabi, Bilkhawthlir, Khawzawl	Nos	-	-	4	4	4
3.	Structure Development Plan Preparation of towns such as - Aizawl, Lunglei, Thenzawl and Hnahthial	Nos	4	4	4	4	
4.	Execution and implementation of contained in the Development schemes structure Dev. Plan of Bilkhawthlir town.	No	1	1	1	1	

II. 03. INTEGRATED DEVELOPMENT OF SMALL & MEDIUM TOWNS

	Construction of Market complex, Bus terminal, car parking, Road diversion etc. at Lunglei	N	1	1	1		
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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
<u>I N F O R M A T I O N</u>							
1.	Production of Films	No	No	3	3	3	-
2.	Public Exhibition of Films	No	No	6	10	16 Ncs	16
3.	Research & Training in Mass Communication	No	No	3	5	5	5
4.	Information Centres						
	1) Opening of Information Centre	No	-	-	6	1	1
5.	Press Information Services						
	1) Subscription of PTI	No	-	-	3	2	2
	2) Subscription of UNI	No	-	-	1	-	1
	3) Purchase of good plain paper copier	No	-	-	1	1	1
	4) Electronic Duplicating Machines	No	-	-	1	1	
6.	Field Publicity						
	1) Purchase of Projector	No	-	-	9	5	5
	2) Purchase of Generator	No	-	-	1	5	5
7.	Publication						
	1) Mizoram Calendar	Copy	10,000	10,000	45,000	45,000	45,000
	2) Mizoram News Magazine/ Folder/Leaflets etc.	Copy	Copies	86,000	1,325	1,41,500	1,41,500

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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
8.	1) Community Radio & Television						
	a) Television Sets	No	-	-	20	25	25
	b) Community Listening Sets	No	60	-	20	60	60
	c) Video Camera	No	-	-	1	1	1
9.	2) Cultural & Social Activities						
	a) Republic Day Celebration at New Delhi and at State Capital	No	1	1	5 each	4 each	
	b) Bharat Dharsan Tour etc.	No	No	2	No	No	

LABOUR & EMPLOYMENT

4. Direction

1. Apprenticeship Training

(a)	Incremental part of Stipend clerical & Engineering	Nos	55	55	275	200	200
(b)	Jr. Apprenticeship Advisor-cum-Junior Engineer	Nos	1	1	1	1	1

II. Employment

(a)	Employment Officer	Nos	1	-	1	-	-
(b)	Asst. Employment Officer	Nos	1	1	1	1	1
(c)	Construction of Directorate						

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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8

III. C.S.S.

(Employment Exchange for Promotion of Self-Employment)

(a)	Asst. Employment Officer	Nos	1	1	1	1	1
(b)	Jr. Employment Officer	Nos	1	1	1	1	1
(c)	Statistical Asst.	Nos	2	2	2	2	2
(d)	Salary of IDC.	Nos	1	1	1	1	1

I. WELFARE OF WOMEN

i)	Field Trip & Conducted tour	Nos	-	-	25	25	25
ii)	Social Eco. Programme for destitute women.		233	417	360	892	892

II. CHILD WELFARE

a)	Pre-School Education		80	80	30	80	80
b)	Creches/Day Care Centre		13	13	13	13	35
c)	Children's Competition		-	-	15	3	3
d)	Library-cum-Recreational Centre		-	-	20	-	7

III. CORRECTIONAL SERVICES

A. S.I.T. ACT

i)	<u>Protective Home</u>						
	Creation of posts	Nos	-	-	18	9	9

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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement.
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
<u>V. WELFARE OF POOR & DESTITUTE</u>							
	a) Old Age Pension	Persons	625	625	288	625	2291
<u>VI. WELFARE OF HANDICAPPED</u>							
	a) Stipend for Vocational training of handicapped persons	Persons	25	25	25	25	105
	b) Stipend/Scholarship to handicapped students.	Persons	150	-	1400	1400	1570
	c) Economic Rehabilitation for handicapped persons	Persons	100	398	340	488	988
	d) <u>Deaf & Dumb School</u>						
	i) Stipend to Teacher Trainer	Persons	-	-	12	-	-
<u>VII. GRANTS-IN-AID TO VOL. ORGN.</u>							
		Nos	240	540	500	985	1636
<u>VIII. PREVENTIVE SERVICES</u>							
	a) Old Age Home	Nc	-	-	1	1	1
1.	Special Nutrition Programme	Persons	72,500	66,033	66,000 each year	72,500	72,500
2.	Midday Meal Programme	Persons	10,000	15,000	10,000	15,000	15,000
3.	<u>Community Nutrition Food & Extension centre posts.</u>						
	a) Construction of Nutrition Extension Centre	building	1	1	-	-	1

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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement
			Target	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
1.	<u>Direction & Admin</u>						
	Construction of Directorate Office	p.c	67%	67%	100%	100%	100%
2.	<u>J. ILS</u>						
	Construction of Jail buildings	No	2	2	2	2	2
3.	<u>VOCATIONAL TRAINING CENTRE</u>						
	Welfare of prisoners	p.c.	50%	50%	50%	50%	50%
4.	<u>MODERNISATION JAILS</u>						
	Construction of buildings	Nos	3	3	3	3	3
5.	<u>Upgradation fund</u>						
	(a) Construction of Sub-Jail at Champhai	Nos	-	-	2	2	2
	(b) Construction of Security fencing and quarters at District Jail, Aizawl.	p.c.	-	-	100%	100%	100%
	<u>PRINTING & STATIONERY</u>						
	1. R.C.C. Buildings				5	4	4
	2. Assam Type Buildings				4	4	4
	3. Machinery & Equipment		1	1	23	23	23
	4. Training				15	29	29
	5. Vehicles		1	1	8	5	5
	6. O.E.		L.S.	L.S.	L.S.	L.S.	L.S.
			L.S.	L.S.			L.S.

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II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-1990 Achievement.
			Targets	Achievement	Target	Achievement	
1	2	3	4	5	6	7	8
<u>PUBLIC WORKS BUILDING</u>							
1.	Construction of CE, PWD Office at Aizawl.	R.C.	45	45	100	45	45
2.	Re-Constn. of Hmuifang Division at New Site	R.C.	2	2	100	100	100
3.	a) Constn. of Dak-Bungalow at Silchar	P.C.	-	-	-	-	50
	b) Constn. of Mizoram House Staff ctr. at Silchar						100
4.	Constn. of A.O. Office Bldg. at a) Vairengte; b) Tuipuibari; c) Phullen	P.C.	NIL	NIL	100	100	100
5.	Constn. of S.D.O. (Civil) Office cum Treasury Office at a) Champhai b) Chawngte c) Saiha d) Kolasib e) Mamit	P.C.	30	30	100	100	100
6.	Constn. of P.W.D. Laboratory Bldg at Zemabawk	P.C.	Nil	Nil	100	100	100
7.	Constn. of Store Sub-Divn. with Storeyard at Lunglei	P.C.	Nil	Nil	100	100	100
8.	Renovation & Extension of CE, PWD Office for accomodating new Cells etc.	P.C.	Nil	Nil	100	100	100

contd.....

II. PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE 7TH PLAN

Sl. No.	Item	Unit	1989-1990		Total Seventh Plan 1985-1990		Cumulative at the end of 1989-90 Achievement
			Target	Achievement	Target	Achievement	
1.	2.	3.	4.	5.	6.	7.	8.
9.	Constn. of Mechanical Divn. Office at Aizawi	P.C.	-	-	100	100	100
10.	Constn. of E.E., PWD Tlabung Division Office	P.C.	-	-	100	100	100
11.	Constn. of PWD Staff Qtr. at Sateek Sub-Division	P.C.	-	-	100	100	100
12.	Constn. of S.E. Lunglei Circle Office	P.C.	-	-	100	100	100
13.	Constn. of Circuit House at Lawngtlai i/c furnishing of Lawngtlai	P.C.	-	-	100	100	100
14.	Renovation & Extension of existing CE, PWD Office for accommodating new cell	P.C.	-	-	100	100	100
15.	Constn. of Staff qtr. at Mizoram House, Calcutta	P.C.	-	-	100	100	100
1.	Training Programmes	No	9	9	25	28	28

III 'A' DRAFT VIII PLAN (1990-95) PROPOSALS FOR PROGRAMMES PROJECTS

Name of State : MIZORAM

(Outlay/expenditure in Rs. Lakhs and Physical Targets/
Benefits in relevant units of measurement).

ARTICULAR	Code No. Major Head Minor Head	Nature & Location of the scheme	Comen- cement year	Esti- mated cost	Existing		Targetted		8th plan (90- 95 propo- sed outlay contd.	Annual Plan 1990-91		Ann- ual plan 1991- 92 pro- posed out- lay	Antici- pated benefits		Remar- speci- call- Envir- mental measure- ment/ cost		
					Capa- city in U- nits	Utili- sati- on	Capa- city in U- nits	Utili- sation		Antd. expdr.	1991- 8th plan		90-91 91-92 8th plan				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<p>CHEME imed at aximising enefits rom the xisting apacity s on 1.3.90 .H.E. <u>2 23 2215 00</u></p>																	
Urban ater upply	101	1) (a) Greater Aizawl Water Supply Scheme Ph-I	1983	1659.00	2.4 MGD	1.2 MGD											
		(b) Greater Aizawl Water Supply Ph-II			2.4 MGD	2.00 MGD	1320.00	50.00	50.00	50.00	50.00	30,000 souls	-	-	50,000 souls		
Rural ater upply rog.	102	ii) Saina Wa- ter supply Rural water supply schme at 250 villa- ges	1987 1985-1990	33.14 1500.00	0.055 0.00	0.025	0.050 40lpcd for ea- ch vi- llages	0.030 35lpcd for ea- ch vi- llages	50.00 2000.00	-	-	2,500 Souls	-	-	3,500 souls		
												450.00	1,20,000	25,000	25,000	30,000 souls	
<p>TOTAL OF III 'A' 3192.14 - - - - 3350. 50.00 50.00 500.00 - - - -</p>																	

DRAFT VIIIITH PLAN (1990-95) Proposals for programmes/projects.

Name of State : Mizoram

Outlay/Expdr. in Rs.lakhs & Physical target/benefits in relevant units measurement

Particulars	Code No. major/minor Head	Nature & location of the scheme.	Commencement year.	Estimated cost.		Cumulative Expdr. upto the end of 7th plan	Upto the end of 7th Plan Capacity creation	Uti-lisa-tion	8th plan 90-95 proposed out-lay	Annual plan 1990-91		Annual Plan 91-92		Anti. benefits			REMARKS
				Original.	Revised					app- vd.	Anti-Expdr.	pro-posed out-lay.	8th plan	1990-91	1991-92	Beyond 8th Plan	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
B.I completed scheme as on 31.5.90 (spill over liability)																	
TOURISM 110345200																	
As on 31.5.90 spill over liability	01	Highway	1986-	14.11	16.83	16.83	Bldg.	Bldg.	-	-	-	-	-	-	-	-	-
	101	Restau- rant at Bung	1987														
1.000	102	1.Thing-dawl	1986- 1987	6.63	8.30	8.30	-	Bldg.	-	-	-	-	-	-	-	-	-
		2.Touri- st Lodge at Vai- rengte	1987- 1988	19.00	25.00	25.00	Bldg.	Bldg.	3.00	3.00	3.00						
TOTAL OF TOURISM				39.74	50.13	50.13	-	-	3.00	3.00	3.00	-	-	-	-	-	-

Contd...2/-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2. MEDICAL.	<u>222221000</u>															
	MEDICAL & PH															
	01-Urban H.S Services-Allopathy	a)Addl.140 bedded wards at CH(A)	1980-81 to 89-90	37.04	188.51	184.59	100%	100%	22.00	22.00	22.00	-	-	-	-	-
	110-Hosp.& Dispy.	b)Early cancer detection Centre	1986-87 to 89-90	36.61	51.21	59.55	100%	100%								
TOTAL OF MEDICAL				73.65	249.72	244.14			22.00	22.00	22.00	-	-	-	-	-
3. WATER SUPPLY & SANITATION	<u>223221500</u>															
	01															
Urban Water Supply Programme	101	Creater Aizawl Water Supply scheme Ph-I	1983	1659.00	-	1671.54	2.4 MGD	1.5 MGD	50.00	-	-	50.00	-	-	-	-
Rural Water Supply programme	102	Rural Water supply sch-eme in different vil-lages.	1986-1990	1250.00	-	1200.53	10lpcd in ea-ch villa-ges.	-	20.00	-	-	20.00	-	-	-	-
Buildings	300	Constn.of Building at diffe-rent pla-ces	1986-1990	100.00	-	75.00	-	-	15.00	-	-	15.00	-	-	-	-
TOTAL OF WATER SUPPLY				3009.00	-	2947.07	-	-	85.00	-	-	85.00	-	-	-	-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
4.	<u>POLICE</u>	223221600																
	<u>HOUSING</u>																	
	107	Type-III 18 Nos at Aizawl/LLI/ CTP Dist.	1987-88 & 1988-89	33.40	-	34.20												
		4-storeyed RCC Type-II at Aizawl.	1988-89	34.82	-	34.82												
		4-Storeyed RCC Type-III at Aizawl.	1987-88	20.11	-	20.10					52.62							
		Type-V & IV at CTP District	1986-87	6.09	-	6.09												
		Approach road to Mualpui	1988-89	31.25	-	31.25												
TOTAL OF POLICE HOUSING				125.67	-	126.46					52.62							
											lakhs							

Contd...4/-

DRAFT EIGHT PLAN 1990-95 Proposals for Programme/Projects

(Rs.in lakhs)

Particulars	Code No. Major/ Minor Head	Nat- ure & l oc- ati- on of the scheme	Comm- ence- ment year	Estimated cost		Umu- lative ex- pdr. upto the end of 7th plan	Up to the end of 7th Plan capaci- ty cr- eation at- ion	8th plan 90-95 prop- osed out- lay	Annual Plan 90-91		Ann- ual plan 91-92	Anticipated benefits			Remarks specifi- cally environ- mental measures/ costs.		
				Origin- ated	Revised				8th Pln. 1990- 91	Annual App- rov- ed out- lay		Anti- Expdr. 91-92	8th 1991	1991- 1992		Rev- ond 8th pln.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<u>B.2 Critical ongoing scheme as on 1.4.90</u>																	
<u>1; FORESTRY</u>																	
<u>& WILDLIFE 101240600</u>																	
	01																
Survey & Utili- sation of Fore- sts Resources	005	Mizoram	-	-	-	58.55	LS	LS	51.00	6.00	6.00	8.00	LS	LS	LS	LS	All these schemes are meant for envi- ronmental conserva- tion and protecti
Statistics	013	-do-	-	-	-	10.86	LS	LS	183.00	22.00	22.00	30.00	LS	LS	LS	LS	
Forest Conserva- tion & devl.	101	-do-	-	-	-	63.72	LS	LS	367.00	52.00	52.00	60.00	LS	LS	LS	LS	
Social & Farm Forestry	102	-do-	-	-	-	153.00	-	-	705.00	100.00	100.00	115.00	LS	LS	LS	LS	
	02																
Wildlife Preser- vation.	110	-do-	-	-	-	67.83	-	-	255.00	30.00	30.00	40.00	LS	-LS	LS	LS	
	03																
National Waste- land Dev.prog.	101	-do-	-	-	-	1112.71	40,700ha	-1540.00	220.00	220.00	250.00	25,000ha	5,000Ha	5,000Ha	5,000Ha	LS	
TOTAL OF 1						1466.67			3201.00	430.00	430.00	503.00					

Contd..

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<u>2. MEDIUM IRRIGATION</u>	<u>104270100</u>																
1) Survey & Investigation of Mat Valley Multipurpose project.		Multi-purpose proj. Mat Valley.	1982	86.81	-	74.48	NIL	NIL	20	20	20	NIL	-	-	-	-	-
<u>3. FLOOD CONTROL & DRAINAGE:</u>	<u>104271100</u>																
1) Anti Erosion work at Sihpui.	<u>02</u>	Anti Erosion work, Aizawl.	1985	55.00	-	50.00	90%	90%	5.00	5.00	5.00	5.00	100%	10%	-	Nil	-
<u>4. POWER:</u>																	
<u>1. Hydel Generation</u>	<u>10528100</u>																
	<u>01</u>																
i) Tuipui Mini Hydel		Minihydel near champhai	188-89	128.00	200.00	129.09	-	-	71.00	30.00	30.00	41.00	-	500KW	-	-	-
ii) Tuisumpui minihydel		Minihydel near Tuisumpui	188-89	112.50	195.00	124.78	-	-	70.00	40.00	40.00	30.00	-	450KW	-	-	-
iii) Maicham Minihydel		Minihydel near N.V. anlaiphai	188-89	494.00	494.00	79.81	-	-	415.00	200.00	200.00	200.00	-	-	2 MW	-	Rs. 1.37 lakhs for afforestation etc.
<u>TOTAL HYDEL</u>				<u>734.50</u>	<u>889.00</u>	<u>333.68</u>	<u>-</u>	<u>-</u>	<u>556.00</u>	<u>270.00</u>	<u>270.00</u>	<u>271.00</u>					

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2. Transmiss- 105280100 ion & Distri- 05 bution <u>Transmission</u> <u>Lines(132KV)</u>																	
i) Zemabawk- khwawwl (110KM)	Tr.line in 132 Dist.	88-89	462.00	660.00	215.13	-	-	445.00	200.00	200.00	245.00	-	-		110KM	-	
ii) Zemabawk- W.Phaileng(75KM)	-do-	88-89	315.00	450.00	123.76	-	-	326.00	150.00	150.00	176.00	-	-		75 KM	-	
<u>Sub-Stations</u>																	
1) 132KV Serchhip	Trf S/S	84-85	191.66	294.00	84.18	-	-	30.00	30.00	30.00	-	-	2x6.3MVA	-	-		
2) Upgradation of 33KV Lunglei S/S to 132 KV	-do-	88-89	211.00	247.00	206.61	-	-	65.00	40.00	40.00	25.00	-	2x6.3MVA	-	-		
3) 66KV W.Phaileng S/S	-do-	88-89	103.00	134.00	15.56	-	-	118.00	50.00	50.00	50.00	-	-	2x2.5MVA	-		
4) 66KV Saitual S/S	-do-	88-89	77.00	100.00	7.70	-	-	92.00	40.00	40.00	40.00	-	-	2x2.5MVA	-		
5) 66KV Khawzawl S/S	-do-	88-89	97.00	126.00	7.70	-	-	118.00	50.00	50.00	50.00	-	-	2x2.5MVA	-		
<u>Distribution</u> Master Plan for system Improvement in Aizawl town		Aizawl	85-86	357.19	496.00	236.12	75%	260.00	180.00	180.00	80.00						
							of the scheme comple- ted										

Contd...4/-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Total : Trans-																	
mission and <u>105280100</u>																	
Distribution <u>05</u>																	
				1813.85	2507.00	1076.76	-	-	1454.00	740.00	740.00	666.00	-	-			
Total critical on going																	
				2548.35	3396.00	1410.44	-	-	2010.00	1010.00	1010.00	937.00	-	-			
5. <u>INDUSTRY 106285200</u>																	
<u>08</u>																	
1) Medium Density Fibre Board Mfg. Unit	600	Indus- trial prj.	88-89	5151.00	Not yet rev- ised.	2.50	NIL	NIL	902.00	5.00	5.00	23.00	484.00	-	-	584.00	annual profit.
													Employ- ment 300 (direct)				
2) Indus- trial Growth Centre.	<u>106285100</u> 101	Luang- mual Azi.	88-89	400.00	Being revi- sed by NIDC	78.55	292.	-	330.00	50.00	50.00	50.00	292				acres
TOTAL				5551.00	-	81.05	-	-	1232.00	55.00	55.00	73.00	-	-	-	-	-

6. SERICULTURE-106285100

107 1985 51.00 46.00 45.85 - - 128.00 44.50 44.60 44.60 - 2500 2500 -

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
7.ROADS & BRIDGES		107305400															
		04															
		800															
1) Aizawl-Thenzawl-Lunglei Road.	-do-	Road	'73	1198	3,300	1160	I/L,U/S=161 I/L,S=91	I/L,U/S=161 I/L,S=91	1340	250	250	275	I/L,U/S=10 I/L,S=80	I/L,S=45	I/L,U/S=2 I/L,S=10 KM	IW&C	Nil
2) Kolasib-Bairabi-Zamuang Road.	-do-	-do-	'75	470	1,450	880	I/L,U/S=65 I/L,S=5	I/L,U/S=65 I/L,S=5	550	225	225	275	I/L,S=50Km	I/L,S=27	I/L,S=30	IW&C	-d
3) Lungsen-Chawngte Road.	-do-	-do-	'78	450	960	380	S/L,U/S=53	S/L,U/S=53	550	55	55	100	S/L,S=53	S/L,S=4	S/L,S=5	IW&C	-d
4) Keitum-N. Vanlaih-hai Road.	-do-	-do-	'75	400	850	350	S/L,US=48 Km	SL US=48 Kms.	370	65	65	125	SL S=48 Km	SL S=48 Km	SL S=12 Km	Nil	Nil
5) Saitual-Phullen Road.	-do-	-do-	'78	720	730	230	SL US=45Km	SL US=45 Km	480	65	65	125	SL US=5Km S,SL=50Km	SL S=3 Km	SL US=2Km SL S=10Km	Nil	-
6) Hnahthi-ai-S. Vanlaih-phai-Sangau Road	-do-	-do-	'75	420	1,100	610	SL US=60Km	SL US=60 Km	300	10	10	10	SL,S=29Km	SL,S=5.5 Km	I/W&C	SL S=31 Km	

Contd...6/-

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Saiha- Talpu- ngau ad.	107305400 04 800	Road	'75	680	1235	260	SL,US= 80Km	SL,US= 80Km	190	35	35	10	I/W&C	I/W&C	I/W&C	S/L,S S=80Km	-
Khawzawl- Lungdar au.	-do-	-do-	'72	510	950	330	S/L,US= 73Km	SL,US= 73Km	560	60	60	125	SL,S= 7Km	SL,S=18 Km	S/L,S= 10 Km.	Nil	-
Billkhaw- lir-Chem- mai-Saiphai ad.	-do-	-do-	'75	800	1300	1154	SL,US= 20 Km	SL,US= 20 Km	50	20	20	10	SL S= 8 Km	SL,S=8Km	I/W&C	S/S S= 12Km	-
1) Lunglei- arpui	-do-	-do-	'75	548	1400	150	SL,US= 45 Km	SL,US= 45Km	400	25	25	15	SL US= 35Km	S/L US= 26 Km	-	S/L S= 80 Km	-
1) Bikkhaw- lir-Phai- en Road.	-do-	-do-	'75	800	1350	1103	SL,US= 20Km	SL,US= 20 Km	55	-	-	-	-	-	-	S/L S= 20Km	-
2) Zemabawk- elesih Rd.	-do-	-do-	'79	161	210	100	I/L,US= 14 Km	I/L,US= 14 Km	100	25	25	50	I/L,S= 13Km	I/L,S= 4Km	I/L,S= 4Km	-	-
3) Hlimen- hawchete- ungleng ad.	-do-	-do-	'78	34	125	10	SL,US= 10Km	SL,US= 8Km	110	10	10	10	SL,S= 10Km	SL,US= 2Km	I/W&C	BT-10 I/W&C	-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
14. Aizawl- Tlawng- Reiek Rd.	107305400 04 800	Road	'79	256	482	100	SL,US=15Km	SL,US= 15Km	95	20	20	10	SL,US= 15 KM	SL,US= 15 Km	-	SL,S= 30K	
15. Kawlchaw- Tawngkolang via Palak lake	-do-	-do-	'79	680	1055	230	SL,US=50Km	SL,US= 50 Km	360	10	10	20	SL,US= 30 Km	-	SL,US= 3 Km	SL,S= 80	
16. Saiha-Chh- uarlung-Siata -Chapui, Zawng- ling-Tuipang Road.	-do-	-do-	'78	1020	1168	225	SL,US=35Km	SL,US= 35Km	190	30	30	30	SL,US= 50	SL,US= 27Km	-	SL,US= 20 SL,S= 105	
17. Kawlchaw- Tuipang (up- to Serkawr Road)	-do-	-do-	'77	250	400	219	SL,US=20Km	SL,US= 20Km	50	-	-	-	I/W&C	-	-	SL,S= 20Km	
18. Thonbawl- Chhipphir road.	-do-	-do-	'79	500	520	380	SL,US=16Km	SL,UD= 16km	100	4	4	5	SL,US-1 Km	I/W&C	SL,US= 1Km	SL,S= 26	
19. E. Lungdar- Chekawn Road.	-do-	-do-	'77	110	220	40	SL,US16Km	SL,US= 6Km	65	-	-	-	SL,US= 5Km	-	-	SL,S= 11Km	
20. Chawngte- Borapansury Road.	-do-	-do-	'78	650	600	162	SL,US=10Km	SL,US= 10Km	260	16	16	20	SL,US= 25Km	SL,US= 3Km	SL,US= 2Km	SL,S= 35	
21. Diltlang- Chawngte Rd.	-do-	-do-	'84	570	620	250	SL,US= 31Km	SL,US= 31Km	20	20	20	20	I/W&C	I/W&C	I/W&C	SL,S= 31	

Contd...3/-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
D. Hnaththial- Bingsai Rd.	107305400	Road	'84	1450	1600	850	SL,US= 30Km	SL,US= 30Km	200	20	20	10	SL,US= 50Km	I/W&C	I/W&C	SL,S= 80	-
	804 800																
E. N. Vanlai- Hnai-Thing- Hnai Rd.	-do-	-do-	'84	645	860	130	SL,US= 20Km	SL,US= 20Km	330	-	-	-	SL,US= 43Km	-	-	SL,S= 43	-
F. E. Phaileng- Kuangpuilaw Road.	-do-	-do-	'83	850	920	250	SL,US= 42Km	SL,US= 42Km	190	50	50	50	SL,US= 4 Km	SL,US= 4 Km	I/W&C	SL,S= 46	-
G. Kawkulh- Kungpho Road.	-do-	-do-	'89	1200	1400	100	SL,US= 20Km	SL,US= 20Km	220	35	35	25	SL,US= 50Km	SL,US= 30Km	SL,US= 5Km	SL,S= 70	-
H. Kolasib- Kuchchangphai Road.	-do-	-do-	'80	320	340	170	SL,US= 17Km	SL,US= 17Km	140	5	5	5	SL,S= 8Km	I/W&C	SL,S= 2Km	SL,S=9	-
I. Teirei-Brid- ges on Bairabi- Kmuang Road.	-do-	-do-	'88	60	70	50	70% of Bridge	-Nil-	20	20	20	-	1No. Bridge	1 No. Bridge	-	Nil	-
J. Sakawrdai- Khmun Road	-do-	-do-	'86	210	280	75	SL,US= 11Km	SL,US= 11Km	20	-	-	-	SL,US= 3Km	-	-	SL,S= 14Km	-
K. Vairengte- Khiphai Road.	-do-	-do-	'78	160	320	190	SL,US= 16Km	SL,US= 16Km	30	-	-	-	SL,US= 16 Km	-	-	SL,S= 16 Km	-
L. Champhai- Kau Road.	-do-	-do-	'78	170	268	48	SL,US= 10Km	60	60	5	5	5	SL,US= 5Km	I/W&C	SL,US=1 Km	SL,S= 15Km	-

TOTAL OF 7 16292. 26183. 10186. 7415 1065. 1065. 1275. 1415.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1
8. TOURISM	110345200 01	Tourist Lodge at Lunglei	86-87	70.00	-	1.00	Bldg.	Constn. of approach road	30.00	8.00	8.00	15.00	100%	20%	60%	-	-
9. CIVIL SUPPLIES	101240800	Constn. of building of Directorate of Food & Civil supplies at Aizi.	89-90	33.63	36.74	10.00	RCC Bldg. 11200 sq. metres.	-	26.74	14.00	14.00	12.74					
10. LAI DISTRICT COUNCIL	11034700	1. Constn. of main Office building at Lawngtlai	89-90	45.00	180.00	38.00	Material collected	20%	80.00	15.00	15.00	15.00	1No.	20%	30%	-	-
11. CHAKMA DISTRICT COUNCIL	11034700	Constn. of Secy. building at Kamalanagar.	88-89	10.00	10.00	13.00	55%	13.00	10.00	10.00	10.00	-	1No.	45%	-	-	-

Contd...10/-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<u>12. HIGHER & TECHNICAL EDUCATION</u>		<u>221220200</u>														
		<u>03</u>														
1) Govt. Collges	103	Rural	1985	28.55	28.55	18.00	300.00	200.00	300.00	24.00	24.00	35.00	2500	300	400	3000
2) Asst. to Non Govt. Colleges	104	Rural	1985	230.90	230.70	217.00	3000.00	2400.	300.00	38.60	38.60	40.00	3500	2000	2500	4000
3) Post Matric Scholarship	107	Rural & Urban	1985	19.24	19.24	17.45	20000.	17,450.	38.00	10.00	10.00	15.00	40000	6000	6500	500
TOTAL OF 12.				278.49	278.49	252.45	23,000	20,050.	638.00	72.60	72.60	91.00	46,000	8300	9400	57

<u>13. MEDICAL</u>		<u>222221000</u>														
	103- PHC	1. Comple tion of 88-89 constn. of 10 bedded PHC at a) Khawhai	88-89	8.39	14.50	3.26	-	-	8.00	2.00	2.00	6.00	-	-	comple tion	-
		b) Kawrte- thawve- ng	90-91-	8.39	9.62	8.05	100%	100%	4.00	4.00	4.00	-	-	-	-	-
		c) Bilkhaw- thlir	89-90- 90-91	10.66	10.66	1.50	100%	purchase of mate- rials	10.00	10.00	10.00	-	-	-	-	-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
		d) Chhuar- lung	89-90- 90-91	10.54	10.54	2.70	100%	Purchase of Mate- rials	8.00	8.00	8.60	-	-	Comple- tion	-	-	-	
		e) Borapan- suri	89-90- 90-91	10.54	10.54	2.50	100%	-do-	9.00	9.00	9.00	-	-	-do-	-	-	-	
		2. Completion of constn. of C.H.C. Hnahthial.	88-89- 90-91	21.85	21.85	14.89	100%	63%	6.00	6.00	6.00	-	-	-do-	-	-	-	
		TOTAL OF 13		77.71	77.71	32.90	-	-	45.00	39.00	39.00	6.00	-	-	-	-	-	
<u>14. WATER</u>		<u>223221500</u>																
<u>SUPPLY &</u>		<u>01</u>																
<u>SANITA-</u>																		
<u>TION</u>																		
Urban Wa- ter Supply	101	Greater Lunglei Water Supply Scheme.	1989	1420.27	-	100.00	-	-	1320.00	318.00	318.00	500.00	20,000 souls	-	-	30000 souls	-	
Rural Wa- ter Supply Programme	102	Rural Wa- ter Supply scheme in villages	1989- 1990	900.00	-	414.00	-	-	400.00	476.00	476.00	100.00	25,000	-	-	30000 souls	-	
Buildings	800	Constn. of building at diffe- rent places	1988- 1990	100.00	-	37.93	-	-	100.00	40.00	40.00	40.00	-	-	-	-	-	
TOTAL OF 14				2420.27	-	551.93	-	-	1820.00	834.00	834.00	640.00	-	-	-	-	-	-

Contd...12/-

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<u>15. GOVERNMENT HOUSING 223221600</u>																	
i) Single Officer Hostel and Mess at Aizawl.	700	Bldg. Azl.	1987	14.27	32.29	17.29	-	-	15.00	6.00	6.00	9.00	1No	-	1 No.	1 No.	No Environmental Effects.
ii) Constn. of Senior Officers Bungalow at Aizawl. (Special Type with Units).	700	-do-	1988	85.90	-	46.17	4	4	50.00	27.00	27.00	10.00	3	1	2	7	-do-
TOTAL OF 15				100.17	32.29	63.46			65.00	33.00	33.00	19.00					

16. CAPITAL EXPANSION PROJECT 223221700

1) Widening of road No. I from junction of Road No. II to Cn. Chhunga's High School.	051	Road/ Azl.	1988	63.00	-	15.87	Single lane Surfaced Rd.	-	50.00	10.00	10.00	50.00	Surfaced double lane	Unsurfaced single lane	Surfaced single lane	Nil	
2) Constn. of Addl. Sectt. Bldg. at Azl.	051	Bldg. Azl.	1989	180.00	-	0.30	2300m2	-	170.00	23.00	23.00	36.00	100%	-	-	Nil	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
3) Impvt.of road from																	
1) Sakawrtuichhun	051	B.I.I.		9.75													
2) Tanhril		Road/	1988	13.15	-	15.74	Unsur-	-	15.00	5.00	5.00	10.00	80%	7%	13%	Nil	-
3) Luangmual		Azl.		11.78			faced single lane										
4) Widening of road from Vainvakawn to Luangmual junction to Road No.II including S/M and B.T.																	
	051	Road/	1985	7.67	-	9.62	Surfaced	-	5.00	5.00	5.00	-	87%	8%	5%	Nil	-
		Azl.					single lane										
TOTAL OF 16				285.36	-	41.53	-	-	250.00	43.00	43.00	96.00					

17. INFORMATION

i) Constn.of Office building & Staff Quarters.	<u>224222000</u> 001-Direc- tion & Admn.	at Chaw- ngte & Ma- mit	Apr'90	6.00	-	Nil	Nil	Nil	65.00	8.00	8.00	12.00	-	-	-	-	-
ii) Constn.of Information Centre.	102-Infor- mation Centre	Infor- mation centre at Ko- lasib, Mamit Champhai etc.	Apr'90	2.50	-	Nil	Nil	Nil	60.00	2.70	2.70	10.00	-	-	-	-	-
TOTAL OF 17.				8.50	-	-	-	-	125.00	10.70	10.70	22.00	-	-	-	-	-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
<u>18. LABOUR</u>																		
<u>WELFARE</u> <u>22622300</u>																		
		02- <u>Employment</u>																
		001-Direction & Admn.																
		004-Research Survey & Statistics	1985	8.00	12.12	10.978	-	-	55.45	1.80	1.80	5.13	-	-	-	-	-	
		101-Smp. Exchange incl. CSS.																
		03- <u>Training</u>																
		003-Training craftsman & Supervisors																
		101-Industrial Training Institute	1985	25.00	53.05	52.878	-	-	51.00	10.20	10.20	4.50	-	-	-	-	-	
		102-Apprentice Training																
TOTAL OF 18.				38.00	78.46	77.70	-	-	146.45	12.00	12.00	9.63						
<u>19. JILS</u> <u>342205600</u>																		
		Reconstruction of District Jail.	Aizawl	1988	8.43	10.04	47.64	79%	79%	13.00	10.04	10.04	13.00	21%	-	21%	-	-
TOTAL of 19				x	8.43	10.04	47.64	-	-	13.00	10.04	10.04	13.00	-	-	-	-	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<u>20. STATIONERY & PRINTING</u> 342205800																	
Constn. of Govt. Press (Production Centre)	103	Lunglei	-	47.00	47.00	31.66	-	50%	15.34	3.00	3.00	12.00					
TOTAL OF 20				47.00	47.00	31.66	-		15.34	3.00	3.00	12.00					

21. PUBLIC WORKS BUILDING : 342205900
051

1. Constn. of FWD Division Office		Mizawl 1988		45.00	-	30.00	-	-	15.00	5.00	5.00	10.00	1500	1500	-	1500	-
2. Constn. of Mizoram House																	
a) Calcutta addl. floor		Calcutta 1989		20.00	-	4.53	357	357	20.00	17.00	17.00	3.00	357	357	200	151	7
b) Dak Bungalow at Silchar		Silchar		15.00	-	-	267	267	15.00	8.00	8.00	7.00	200	100	100	467	-

Contd...16/-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
3. Constn.of Mizoram House at Salt lake Calcutta	051	Calcutta	-	230	-	37.50	-	-	230	50	50	60	400	-	-	400	-
4. Constn.cf C.E. PWD Office at Aizawl.		Aizawl	-	80	-	38.90	-	-	80	30	30	35	2500	500	500	1500	-
TOTAL OF 21.				390	-	110.93	-	-	360	110	110	115	-	-	-	-	-
TOTAL OF CRITICAL ON GOING SCHEME				28380.99	30	361.23	13983.43		11277.53	3840.23	4051.94	4308.97					

DRAFT 3TH PLAN (1990-95) PROPOSALS FOR PROGRAMMES/PROJECTS

(Outlay/Expenditure in Rs. in lakhs and Physical Targets/
Benefits in relevant units of measurement)

Particulars	Code No.	Nature & Location of the scheme	Commencement year	ESTIMATED COST		Cumulative expdr. upto the end of 7th Plan.	UPTO THE END OF 7TH PLAN		3th Plan (90-95) Proposed outlay.	ANNUAL PLAN (1990-91)		ANNUAL PLAN Proposed outlay.	ANTICIPATED BENEFITS				REMARKS SPECIFICATION ENVIRONMENTAL MEASURES COSTS.
				Original	Revised		Capacity	Utilisation		Approved outlay	Anticipated expdr.		3th Plan	90-91	91-92	Beyond 9th Plan	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

3.3 SANCTIONED
SCHEME COM-
MITTED IN
1990-91

1. CRDP HOUSE ANDRY 101240100

1)	Direction & Admn.	001 Mizoram	1974-75	-	-	309.57	990 (Nos)	990 (Nos)	375.00	40.00	40.00	74.00	0.001 (Nos)	-	0.016	1.079	
2)	Foodgrain crops Dev.	102 Whole Mizoram	1935-86	4556.0	-	392.07	15427 (Ha)	15427 (Ha)	1606.00	200.00	200.00	220.00	22.5	4.5	4.5	37.92	
3)	Agricultural Farm & Quality Seeded Production.	104 Mat & Barlak.	1990-91	90.00	-	32.113	30 (ha)	30 (ha)	90.00	21.00	21.00	24.00	0.040	0.020	0.020	0.040	
4)	Manures & Fertilizer	105 -	-	-	-	160.272	-	-	230.00	40.00	40.00	42.00	-	-	-	-	
5)	Plant Protection.	107 Whole Mizoram	1974-75	-	-	69.962	-	-	90.00	15.00	15.00	10.00	300.00	61.0	63.0	-	
6)	Commercial C. g.	108 - do -	-do-	-	-	250.286	-	-	30.00	15.00	15.00	16.00	86.0	33.0	35.0	100.0	

Contd...2/-

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
7) <u>Extension & Training</u>	109	-	-	-	-	-	275.454	-	-	163.00	28.00	28.00	30.00	-	-	-	-	-
8) <u>Development of Pulses</u>	112	-	1990-91	-	-	-	-	-	-	50.00	9.00	9.00	10.00	45.60	2.0	6.0	-	-
														54.00	2.0	6.0		
9) <u>Agricultural Machinery & Implements</u>	113	-	1974-75	-	-	-	223.350	560	560	225.00	30.00	30.00	45.00	10.0	2.120	2.160	15.00	-
								(Ha)	(Ha)					(Nos)	(Nos)	(Nos)	(Nos)	
10) <u>Development of Oilseeds</u>	114	-	1990-91	-	-	-	-	-	-	60.00	10.00	10.00	12.00	79.0	3.0	10	-	-
														46.3	2	6		
11) <u>Horticulture & Vegetable Development</u>	119	-	1973-74	350.00	-	-	566.577	5600	5690	300.00	54.00	54.00	60.00	24.7	3.23	3.60	24.70	-
								(Ha)	(Ha)									
12) <u>Other Expend.</u>	000	-	-	-	-	-	100.30	-	-	70.00	23.00	23.00	20.00	-	-	-	-	-
<u>TOTAL OF 101 2402 00</u>							3317.562			3416.00	405.00	405.00	563.00					

II. WATER CONSERVATION 101 2402 00

001	Direction & Admn.	-	-	150.50	-	-	150.50	-	-	528.65	74.40	74.40	67.25	-	-	-	-	NIL
102	Soil Conservation.	-	Rural 6th Plan	146.30	-	-	146.30	-	-	657.30	83.25	83.25	110.00	10960	1306	1034	-	-
101	Soil Survey & Testing.	"	"	3.90	-	-	3.90	-	-	55.25	15.40	15.40	7.10	3000	400	500	-	-
104	Land Reclamation & Dev.	"	"	159.30	-	-	159.30	-	-	162.90	18.00	18.00	25.10	2715	300	420	-	-
109	Extension & Training.	-	7th	13.52	-	-	13.52	-	-	132.30	19.00	19.00	21.50	100	30	30	-	-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	800-6 Other Expend.	-	-	30.60	-	30.52	-	-	346.50	42.50	42.50	58.60	-	-	-	-	-
	TOTAL :-			511.02		511.32			1003.40	253.35	253.35	296.53					
III. ANIMAL HUSBANDRY & VETERINARY 101 240300																	
Direction & Admca	001	-	-	-	-	127.33	-	-	294.33	20.00	20.00	37.55	-	-	-	-	-
Extension & Training	100	-	-	-	-	45.07	-	-	62.70	10.00	10.00	16.00	2600VSc	52	52	-	-
Vety Services & Animal Health.	101	-	-	-	-	140.34	-	-	406.19	29.00	29.00	64.00	150VFA				
													3nospy	1	1		
													150dispy	6	6		
													20RAH	9	9		
Information & Stats.	113	-	-	-	-	12.11	-	-	30.44	5.00	5.00	3.42	-	-	-	-	-
Cattle Development	102	Mizoram	-	-	-	227.9	-	-	321.71	20.00	20.00	22.00	100	20	20		
Poultry Development	103	Mizoram	-	-	-	111.43	-	-	305.47	47.60	47.60	41.20	49000	9000	9000		
													Chicks				
													19615	3650	3900		
													Qtls.	Qtls	Qtls.		
Piggery Development	105	Mizoram	-	-	-	100.22	-	-	272.75	26.00	26.00	16.34	602	120	120		
													Boar	Boar	Boar		
													2100Sub.	420Sub.	420Sub.		
													12574qtl.	1752qtl.	1752qtl.		
Other Livestock Dev.	106	Mizoram	-	-	-	9.43	-	-	11.29	2.00	2.00	2.00	-	-	-	-	-
Feed & Fodder Dev.	107	Mizoram	-	-	-	39.62	-	-	145.02	30.00	30.00	39.15	405Sub.	75	75		
													22700tl.	Seed	454	454	
Other Expenditure	000	Mizoram	-	-	-	37.52	-	-	129.25	12.00	12.00	53.75	550	110	110		
Dairy & Milk Supply 101200400																	
	001	Aizawl)															
		Lunglei)				44.70			63.70	12.00	12.00	36.00	3Nos.	1	2		
		Saiha)															
C.S.S.						114.41			140.45	22.40	22.40	22.60	290000	50000	50000		
													doses	doses	doses		
	TOTAL :-					500.94			2,200.00	252.00	252.00	360.00					

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
IV. FISHERIES : 101240500																		
(1) Direction & Admn. 001 - -					65.00	65.00	80.13	-	-	65.00	1.40	1.40	6.00	-	-	-	-	-
(2) Inland Fisheries 101 - -					226.00	219.00	119.32	-	-	219.00	21.95	21.95	34.10	-	-	-	-	-
(3) Extension & Training. 109 - 1990-91					11.00	16.00	5.49	-	-	16.00	0.95	0.95	1.90	-	-	-	-	-
(4) Constn. of Buildings 000- 1990-91					50.00	50.00	7.72	21 nos.-	-	50.00	14.70	14.70	0.00	-	-	-	-	-
TOTAL OF 101240500 :					352.00	350.00	172.66	-	-	350.00	39.00	39.00	50.00	-	-	-	-	-

V. FORESTRY & WILDLIFE : 101240600																		
(1) Direction & Admn. 001 - -					-	-	203.90	-	-	455.00	60.00	60.00	72.00	-	-	-	-	-
(2) Communication & Building. 070 - -					-	-	320.13	-	-	563.00	70.00	70.00	100.00	-	-	-	-	-
(3) Assistance to Public Sector & Other undertakings 190 - -					-	-	-	-	-	19.00	2.00	2.00	2.00	-	-	-	-	-
(4) Forest Produce 105 - -					-	-	9.21	-	-	51.00	6.50	6.50	0.00	-	-	-	-	-
(5) Extension & Training. 109 - -					-	-	41.05	-	-	152.00	19.50	19.50	25.00	-	-	-	-	-
(6) Other Expenditure 000 - -					-	-	7.54	-	-	33.00	4.00	4.00	5.00	-	-	-	-	-
TOTAL OF 101240600 :					-	-	530.71	-	-	1,273.00	170.00	170.00	212.00	-	-	-	-	-

VI. PLANTATION : 101240700																		
(1) Tea 01					9.22	-	9.22	-	-	52.20	7.90	7.90	12.30	10	2	2	-	-
(2) Coffee 02	004				113.50	-	113.50	-	-	80.90	12.40	12.40	10.60	60	12	24	-	-
(3) Rubber 03					10.71	-	10.71	-	-	34.20	3.70	3.70	5.50	32	24	42	-	-

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
(4) Cardamom	34	004	-	-	20.34	-	20.34	-	-	23.00	2.00	2.00	3.50	13	2	4	-	-
(5) Others	50		-	-	137.23	-	137.23	-	-	126.50	23.65	23.65	19.20	237	25	25	-	-
TOTAL OF 101240700 :			-	-	346.00	-	346.00	-	-	316.00	46.65	46.65	59.10	-	-	-	-	-

VII. AGRI. RESEARCH & EDUCATION 101241500

i) Research	304	-	1990-91	-	-	14.09	OneKVK	OneKVK	25.00	5.00	5.00	6.00	0.060	0.012	0.012	-	-
													Nos.	Nos.	Nos.		
ii) Education	277	Aizawl	1973-74	-	-	27.311	160Nos.	90Nos.	35.00	5.00	5.00	6.00	0.050	0.010	0.010	-	-
													Nos.	Nos.	Nos.		
TOTAL OF 101240500 :						41.401	-	-	60.00	10.00	10.00	12.00	-	-	-	-	-

VIII. COOPERATION : 101242500

(1) Direction & Administration	001	-	-	-	-	117.05	-	-	102.00	20.50	20.50	44.50	-	-	-	-	-
(2) Training	003	-	-	-	-	3.65	-	-	4.00	-	-	3.00	-	-	-	-	-
(3) Research & Evaluation	004	-	-	-	-	0.49	-	-	-	-	-	-	-	-	-	-	-
(4) Audit of Coop.	101	-	-	-	-	2.02	-	-	-	-	-	-	-	-	-	-	-
(5) Information & Publicity.	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(6) Asst. to Multi-Rural Coop.	106	-	-	-	-	24.12	-	-	100.00	13.00	13.00	17.00	-	-	-	-	-
(7) Asst. to Credit Coop.	107	-	-	-	-	57.30	-	-	120.00	11.00	11.00	11.00	-	-	-	-	-
(8) Asst. to Other Coop.	108	-	-	-	-	50.34	-	-	205.00	35.00	35.00	20.00	-	-	-	-	-
(9) Agri. Credit ab. Fund.	109	-	-	-	-	0.50	-	-	2.00	0.40	0.40	0.80	-	-	-	-	-

Contd.....6/-

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(10) Asst. to Public Sector & Other undertakings.	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(11) Education	277	-	-	-	-	42.96	-	-	51.00	5.00	5.00	5.00	-	-	-	-	-	
(12) Other Exptr.	300	-	-	-	-	32.49	-	-	206.00	41.00	41.00	41.00	-	-	-	-	-	
TOTAL OF ; 101241500 ;	-	-	-	-	-	391.16	-	-	950.00	126.00	126.00	150.00	-	-	-	-	-	

IX. AGRICULTURAL MARKETING : 101243500

(1) Agricultural Marketing	101	-	1974-75	-	-	157.62	-	-	155.00	35.00	35.00	40.00	-	-	-	-	-
TOTAL OF AGRICULTURE & ALLIED SERVICES	-	-	-	-	1209.02	350.00	6467.97	-	-13604.20	1477.00	1417.00	1742.63	-	-	-	-	-

X. INTEGRATED RURAL DEVELOPMENT PROGRAMMES 102250101 :

(1) <u>I.R.D.P. (Main Prog) 100</u>																	
a) Direction & Admn. 001	-	1900-89	-	-	-	6.60	-	-	22.50	5.50	5.50	4.50	-	-	-	-	-
b) Subsidy to DRDAs 101	-	-	do	-	-	136.00	-	-	550.00	107.13	107.13	110.00	-	-	-	-	-
2) <u>Allied Prog. of IRDP 200</u>																	
a) Scheme for streng -thening Admn. (Block Level) 201	-	-	do	-	-	47.04	-	-	140.00	20.00	20.00	140.00	-	-	-	-	-
b) D.Y.C.R.A. 202	-	-	do	-	-	3.33	-	-	30.00	5.10	5.10	6.00	-	-	-	-	-
c) TRYSEM Infrastruc -ture. 203	-	-	do	-	-	3.73	-	-	12.50	2.27	2.27	2.50	-	-	-	-	-
TOTAL OF 102250101 :	-	-	-	-	-	253.43	-	-	755.00	140.00	140.00	151.00	-	-	-	-	-

XI. RURAL EMPLOYMENT 102250500 :

National Employment	-	-	do	-	-	50.40	-	-	250.00	42.00	42.00	50.00	-	-	-	-	-
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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
XII. LAND REFORMS : 102250600 :																		
a) Direction & Admn.	001	-	1965	25.00	20.95	23.95	-	-	110.00	13.30	13.30	17.00	-	-	-	-	-	-
b) Maintenance of Land Records.	103	-	-do-	25.00	62.20	62.20	-	-	122.00	17.50	17.50	19.00	-	-	-	-	-	-
c) Other Expenditure	300	-	-do-	10.00	20.35	20.35	-	-	20.00	4.20	4.20	4.50	-	-	-	-	-	-
TOTAL OF 102250600 :		-	-	60.00	112.00	112.00	-	-	256.00	35.00	35.00	40.50	-	-	-	-	-	-

XIII. COMMUNITY DEVELOPMENT : 102251500																		
(1) Social Education		-	-	191.66	145.23	107.00	-	-	930.20	79.00	79.00	96.50	930.20	79.00	96.60	-	-	-
(2) Rural Communication		-	-	-	-	60.52	-	-	555.00	17.00	17.00	20.35	555.00	20.35	20.35	-	-	-
(3) Housing for Project Staff.	102	-	-	5.66	5.66	79.40	-	-	300.00	17.00	17.00	25.00	300.00	17.00	25.00	-	-	-
(4) Rural Housing		-	-	170.00	170.00	220.00	-	-	350.00	170.00	170.00	170.00	350.00	170.00	170.00	-	-	-
(5) Direction & Admn.	002	-	-	-	-	-	-	-	-	2.00	2.00	-	-	-	-	-	-	-
TOTAL OF 102251500 :		-	-	367.32	320.89	406.40	-	-	2,135.20	205.00	205.00	319.05	-	-	-	-	-	-
TOTAL OF RURAL DEVELOPMENT :		-	-	427.32	432.39	910.39	-	-	3,396.20	510.00	510.00	561.35	-	-	-	-	-	-

XIV. MINOR IRRIGATION : 104270200																		
(1) <u>Surface Water</u>	<u>01</u>																	
a) Water Tanks	101	-	-	-	-	-	-	-	120.00	10.00	10.00	20.00	-	-	-	-	-	-
b) Lift Irrigation	102	-	-	-	-	97.00	-	-	145.00	15.50	15.50	25.00	-	-	-	-	-	-
c) Diversion Scheme	103	-	-	-	-	547.46	-	-	1,000.00	142.50	142.50	162.00	-	-	-	-	-	-
d) Ayacut Development	104	-	-	-	-	3.00	-	-	150.00	13.00	13.00	15.00	-	-	-	-	-	-
e) Other Expenditure	300	-	-	-	-	2.00	-	-	30.00	4.00	4.00	6.00	-	-	-	-	-	-
(2) <u>General</u>	<u>33</u>																	
a) Direction & Admn.	001	-	-	-	-	171.70	-	-	249.00	29.00	29.00	33.00	-	-	-	-	-	-
b) Machinery & Equip.	052	-	-	-	-	-	-	-	36.00	20.00	20.00	23.00	-	-	-	-	-	-

Contd....3/-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
2. Transmission & Distribution 105280100																	
Transmission : 05																	
32KV Lines																	
1	Serchhip-B.Lungdar	Tr. line in Aizawl Dist.	90-91	189.00	270.00	-	-	-	270.00	40.00	30.00	80.00	45 KM	-	-	-	-
2	Serchhip-Marpara	Tr. line in Aizawl Dist.	90-91	420.00	600.00	-	-	-	600.00	10.00	10.00	60.00	100KM	-	-	-	-
3	Lunglei-Lungsen	Tr. line in LLI. Dist.	90-91	168.00	240.00	-	-	-	240.00	40.00	40.00	80.00	40KM	-	-	-	-
5 KV Sub-Stations																	
1	Lungdar 'E'	Trs.S/S	90-91	58.38	75.00	-	-	-	75.00	10.00	10.00	25.00	2x2.5MVA	-	-	-	-
2	Marpara	- do -	90-91	63.06	82.00	-	-	-	82.00	-	-	20.00	2x2.5MVA	-	-	-	-
3	Lungsen	- do -	90-91	58.38	75.00	-	-	-	75.00	10.00	10.00	25.00	2x2.5MVA	-	-	-	-
4	Lawngtlai	- do -	90-91	58.38	75.00	-	-	-	75.00	10.00	10.00	25.00	2x2.5MVA	-	-	-	-
TOTAL TRANSMISSION :				1,015.20	1,417.00	-	-	-	1,417.00	120.00	120.00	315.00	-	-	-	-	-
TOTAL OF ENERGY :				1,877.20	2,279.00	-	-	-	2,279.00	150.00	150.00	505.00	-	-	-	-	-

VIII. VILLAGE & SMALL INDUSTRIES : 106285100

1)	Direction & Amdn.	001	-	1972	-	-	176.00	-	-	175.00	35.00	35.00	25.00	-	-	-	-
2)	Training	003	-	1979	-	-	8.12	-	-	20.00	4.00	4.00	4.00	-	-	-	-
3	Research & Development	004	-	-	-	-	4.07	-	-	10.00	2.00	2.00	2.00	-	-	-	-
4	Industrial Estates	101	-	-	-	-	232.53	-	-	270.00	60.00	60.00	75.00	-	-	-	-
5)	Small Scale Industries	102	-	-	-	-	130.23	-	-	1121.00	256.00	156.00	195.00	-	-	-	-
6	Handloom Industries	103	-	1972	-	-	201.99	-	-	757.00	67.00	67.00	152.00	-	-	-	-
7.	Handicraft Industries	104	-	1972	-	-	65.25	-	-	80.00	16.00	16.00	16.00	-	-	-	-
8)	Khadi & Village Industries	105	-	1985-86	-	-	165.00	-	-	414.00	65.00	65.00	103.00	-	-	-	-
9)	Sericulture Industries	107	-	-	-	-	399.00	369.00	347.77	-	922.00	95.40	95.40	123.40	-	-	-

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(10) Composite Village & Small Industries & Cooperatives	110	-	-	-	-	28.47	-	-	41.00	5.00	5.00	9.00	-	-	-	-	-
<u>Regulation & Non-Metallic Mineral Industries :</u>																	
Others	600	-	-	-	-	63.24	-	-	600.00	60.00	60.00	90.00	-	-	-	-	-
<u>Regulation & Development of Mines : 106285302</u>																	
(11) Regulation & Dev. of Mines.	02	-	-	-	-	127.24	-	-	350.00	50.00	50.00	60.00	-	-	-	-	-
<u>TOTAL OF INDUSTRY & MINERALS :</u>	-	-	399.00	369.00	1,670.87	-	-	4,398.00	715.40	715.40	821.00	-	-	-	-	-	-

XVIII. ROADS & BRIDGES : 107305404

Other Expenditure	800																
(1) Rawpuichhip - Buarpu Road.	800	-	1990	2000	2000	-	-	-	620	40	70	70	S/L, U/S= 100	S/L, U/S= 12	S/L, U/S= 12	S/L, U/S= 100	
(2) Satellite Towns & Villages road.	-dc-	-	1990	870	870	-	-	-	870	107	107	130	S/L, U/S= 47, S/L, S=25	S/L, S=12	S/L, U/S= 5, S/L, S=known	S=3	
(3) Roads within Towns	-dc-	-	1990	1770	1770	-	-	-	1770	215	215	170	S/L, U/S= 80 S/L, U/S=66	S/L, U/S= 5 S/L, U/S=20	S/L, U/S= 15 S/L, S=10	Not known	
(4) Muivawl Bridges on B Phaileng-Suangpuilawn road.	-dc-	Bridges	1990	70	70	-	-	-	66	40	40	12	1No.	1No.	-	NIL	
(5) Muivawl Bridge on Saitual-Phuller Road.	-dc-	- dc	1990	70	70	-	-	-	65	40	40	9	1No.	75%	25%	NIL	
(6) Berlui 'B' Bridge on Namphai Road.	-dc-	- dc	1990	70	70	-	-	-	65	20	20	20	1No.	75%	25%	NIL	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(7) Minor Bridge on Sadnapui 800 Bridges Quarry Road.			1990	30	30	-	-	-	30	45	15	15	1No.	75%	25%	NIL	-
(8) Tuichawng Suspension Bridge on Chawngte Rd.	-do-	- do -	1990	15	15	-	-	-	15	15	15	-	1No.	1No.	-	NIL	-
(9) Kawlchawluj Bridge on Kawlchaw Tongkolong Rd.	-do-	- do -	1990	70	70	-	-	-	65	10	10	10	1No.	25%	25%	NIL	-
(10) Tuivai Suspension Bridge on Phauibung Road.	-do-	- do -	1990	-	-	-	-	-	10	5	5	5	1No.	1No.	-	NIL	-
(11) Direction & Admn.	001	-	-	-	-	-	-	-	22.00	22.00	-	-	-	-	-	-	-
(12) Machinery & Equipts.	052	-	-	-	4965	-	-	-	3576	75.00	75.00	541.00	-	-	-	-	-
(13) Research & Development	004	-	-	-	-	-	-	-	5.00	5.00	-	-	-	-	-	-	-
(14) Mechanical workshd	008	-	-	-	-	-	-	-	20.00	20.00	-	-	-	-	-	-	-
TOTAL OF 107305404 :			-	-	-	4965.00	-	-	3576.00	629.00	629.00	541.00	-	-	-	-	-

XIX. ROAD TRANSPORT : 107305500

(1) Land & Building	050	-	-	195.00	328.80	299.36	-	-	451.00	36.00	36.00	72.00	-	-	-	-	-
(2) Direction & Admn.	001	-	-	127.00	-	-	-	-	63.00	7.50	7.50	4.00	-	-	-	-	-
(3) Research & Training	003&004	-	-	4.00	-	-	-	-	10.00	2.00	2.00	2.00	-	-	-	-	-
(4) Other Expenditure	800	-	-	274.00	322.15	348.01	-	-	696.00	116.50	116.50	117.00	-	-	-	-	-
TOTAL OF 107305500 :			-	-	600.00	650.95	647.37	-	1220.00	162.00	162.00	195.00	-	-	-	-	-

INLAND WATER TRANSPORT : 107305600

(1) Removal of abstraction	003	-	1981	32.00	40.00	5.87	-	-	30.00	1.00	1.00	4.50	-	-	-	-	-
(2) Navigation & Ferry Services.	104	-	1982	21.80	30.00	24.21	-	-	5.00	3.00	3.00	0.50	-	-	-	-	-

Contd...12/-

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(3) Survey & Investigation	101	-	1990	15.00	15.00	-	-	-	-	15.00	2.00	2.00	6.00	-	-	-	-	-
(4) Machinery & Equipmt.	800	-	-	-	-	-	-	-	-	-	4.00	4.00	-	-	-	-	-	-
TOTAL OF 107305600 :		-	-	68.80	85.00	30.08	-	-	-	50.00	10.00	10.00	11.00	-	-	-	-	-
<u>MOTOR VEHICLE WING : 107307500</u>																		
(1) Land & Building	050	-	-	-	-	-	-	-	-	44.00	6.00	6.00	5.00	-	-	-	-	-
(2) Direction & Admn.	001	-	-	-	-	-	-	-	-	15.00	-	-	1.50	-	-	-	-	-
(3) Other expenditure	000	-	-	-	-	-	-	-	-	21.00	2.00	2.00	7.70	-	-	-	-	-
TOTAL OF 107307500 :		-	-	-	-	-	-	-	-	80.00	8.00	8.00	12.00	-	-	-	-	-
TOTAL OF TRANSPORT :		-	-	668.80	5700.96	677.45	-	-	-	4326.00	809.00	809.00	759.00	-	-	-	-	-

XX. SCIENCE, TECHNOLOGY
& ENVIRONMENT : 109 000 00

1. Direction & Administration	-	1985-86	-	-	8.90	-	-	38.00	6.00	6.00	8.00	-	-	-	-	-	-	-
2. Satellite Remote Sensing Centre.	-	1986-87	-	-	12.30	-	-	13.00	5.00	5.00	5.00	-	-	-	-	-	-	-
3. Training of Scientific Manpower.	-	1987-88	-	-	3.40	-	-	15.00	2.00	2.00	2.00	-	-	-	-	-	-	-
4. Assistance to Scientific Research Project.	-	1988-89	-	-	4.00	-	-	10.00	2.00	2.00	2.00	-	-	-	-	-	-	-
5. Improvement of Rural Technologies.	-	1986-87	-	-	2.40	-	-	5.00	0.50	0.50	1.00	-	-	-	-	-	-	-
6. Computer Centre	-	1988-89	-	-	2.30	-	-	7.00	4.50	4.50	3.00	-	-	-	-	-	-	-
7. Science Popularisation Prog.	-	1985-86	-	-	12.10	-	-	16.00	4.00	4.00	5.00	-	-	-	-	-	-	-
8. Sub-Regional Science Centre.	-	1989-90	-	-	5.00	-	-	41.00	0.50	0.50	1.00	-	-	-	-	-	-	-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
9. Pollution Monitoring	-	1987-88	-	-	-	8.50	-	-	4.00	3.00	3.00	1.00	-	-	-	-	-
10. Meteorological Field Centre.	-	1989-90	-	-	-	1.00	-	-	4.00	0.50	0.50	1.00	-	-	-	-	-
11. Survey of Medicinal & Aromatic Plants.	-	1987-88	-	-	-	3.00	-	-	4.00	1.00	1.00	1.00	-	-	-	-	-
12. Environment Awareness Prog.	-	1985-86	-	-	-	4.10	-	-	5.00	0.50	0.50	1.00	-	-	-	-	-
13. Library-cum-documentation Centre.	-	1990-91	-	-	-	-	-	-	10.00	0.50	0.50	2.00	-	-	-	-	-
TOTAL OF SCIENCE, TECHNOLOGY & ENVIRONMENT :						67.00	-	-	172.00	30.00	30.00	36.00					
XI. SECRETARIAT ECONOMIC SERVICES : 110345100																	
PLANNING BOARD : 101																	
I. <u>PLAN FORMULATION :</u>	=	=	=	=	=	=	=	=	<u>12.50</u>	<u>2.00</u>	<u>2.00</u>	<u>2.25</u>					
a) Entertainment of Staff.	=	=	=	=	=	=	=	=	7.55	1.35	1.35	1.40					
b) Office Expenses.	-	-	-	-	-	-	-	-	4.95	0.65	0.65	0.85					
II. <u>MONITORING & EVALUATION:</u>	-	-	-	-	-	-	-	-	<u>27.50</u>	<u>3.00</u>	<u>3.00</u>	<u>4.00</u>					
a) Entertainment of Staff	-	-	-	-	-	-	-	-	12.00	1.00	1.00	2.00					
b) Office Expenses.	-	-	-	-	-	-	-	-	10.00	1.20	1.20	2.00					
c) Purchase & Maintenance of Vehicles	-	-	-	-	-	-	-	-	5.50	-	-	-					
III. <u>DISTRICT PLANNING MACHINERY : 102</u>	-	-	-	-	-	-	-	-	<u>40.00</u>	<u>3.00</u>	<u>3.00</u>	<u>5.75</u>					
a) Entertainment of Staff.	-	-	-	-	-	-	-	-	14.00	1.50	1.50	2.00					
b) Office expenses.	-	-	-	-	-	-	-	-	6.00	1.50	1.50	1.50					
c) Purchase & Maintenance of Vehicles.	-	-	-	-	-	-	-	-	15.00	-	-	1.50					
d) House Rent.	-	-	-	-	-	-	-	-	5.00	-	-	0.75					
TOTAL OF 110345100 :						-	-	-	-	80.00	8.00	8.00	12.00				

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
TOURISM: 110 345 200																
(1) TOURIST CENTRE	101	Dezaw 01 Tlang Amuse- ment Park.	1990-91	10.00	-	-	-	-	15.00	5.00	5.00	5.00	100%	20%	60%	-
(2) TOURIST ACCOMMODATION	102(1)	Tourist Lodge, Champhai (CSS)	1987-88	22.00	-	22.00	15 rooms	15 rooms	7.05	7.05	7.35	-	100%	-	-	-
	(2)	Tourist Lodge, Saiha.	-	-	-	-	-	-	20.00	-	-	5.00	100%	10%	50%	-
(3) TOURISM REST HOUSE	000	State share of CSS such as constn. of Wayside Facilities	1990-91	13.52	-	13.52	4 rooms	Rest- bldg. & Rest- aurant	20.00	3.90	3.90	7.00	-	-	-	-
(4) TOURISM TRANSPORT SERVICE	103	Purchase of Bus & T Taxi	1991-92.	-	-	0.77	one one	Bus Taxi	10.00	-	-	-	-	-	-	-
(5) OTHERS	000	1) Survey & Stat. & Pay & Allowances	-	-	1.54	-	-	-	2.00	0.35	0.35	0.40	-	-	-	-
		2. Info. & Tourist Literature LS	-	-	3.35	-	-	-	15.00	0.20	0.20	2.00	-	-	-	-
	001	Direction & Admn.	-	-	20.40	-	-	-	40.00	7.60	7.60	0.00	-	-	-	-
	003	Training	-	-	0.75	-	-	-	2.00	0.30	0.30	0.10	-	-	-	-
	104	Fairs & Festivals	-	-	3.10	-	-	-	0.00	0.50	0.50	2.00	-	-	-	-
		TOTAL.		46.40	-	74.31	-	-	147.85	25.70	25.70	29.50	-	-	-	-

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<u>SURVEY & STATISTICS 110345400 :</u>																	
1) Direction & Administration	001	-	-	-	-	64.22-	-	65.00	8.10	8.10	10.50	-	-	-	-	-	-
2) Vital Statistics (Registration of birth and deaths)	111	-	-	-	-	4.31-	-	12.00	1.40	1.40	2.00	-	-	-	-	-	-
3) Computerisation	203	-	-	-	-	1.00-	-	3.00	0.50	0.50	0.50	-	-	-	-	-	-
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TOTAL OF 110345400	-	-	-	-	-	69.53-	-	80.00	10.00	10.00	13.00	-	-	-	-	-	-

CIVIL SUPPLIES : 110345600

1) Direction & Administration	001	-	-	13.50	13.50	-	-	-	40.76	13.50	13.50	5.20	-	-	-	-	-
2) Construction of Godowns	050	-	-	2.00	2.00	-	-	-	22.00	2.00	2.00	4.00	-	-	-	-	-
3) Subsidy of K.Oil & Iodised Salt	000	-	-	2.50	2.50	-	-	-	22.50	2.50	2.50	4.00	-	-	-	-	-
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TOTAL OF 110345600:	-	-	-	10.00	10.00	-	-	-	85.26	18.00	18.00	13.20	-	-	-	-	-

WEIGHTS & MEASURES : 110347000

1) Land & Building	050	-	-	-	-	-	-	-	14.00	3.50	3.50	4.50	-	-	-	-	-
2) Direction & Administration	001	-	-	-	-	-	-	-	50.00	5.40	5.40	10.00	15.00	3.00	5.00	-	-
3) Machinery & Equipment	052	-	-	-	-	-	-	-	6.00	0.10	0.50	1.50	-	-	-	-	-
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TOTAL OF WEIGHTS & MEASURES :	-	-	-	-	-	-	-	-	70.00	9.00	9.00	16.00	-	-	-	-	-

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Particulars	Code No. Major Head/ Minor Head	Nature & allo- cation of the scheme	Commen- cement of year	Estimated cost.		Cumu- lative Expdr. upto end of 7th plan	Upto the end of 7th Plan Capa- city creation		8th Plan (1990- 1995) pro- posed out- lay	Annual Plan 1990-91		Ann- ual plan 1991- 1992 pro- posed out- lay	Anticipated Benefits				REMARKS specifi- cally Environ- mental Measure Cost.
				Ori- gi- nal	Revi- sed.		Utili- sation	Propd. out- lay		Anti- Expdr.	8th plan 1990- 1991		1991- 1992	Bev- ond 8th plan			
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

LAI DISTRICT

COUNCIL : 110347000

1) Rural Communi- cation	-	-	50.00	50.00	103.35	-	-	300.00	50.00	50.00	60.00	-	-	-	-	-	-
2) Sanitation	-	-	10.00	10.00	36.26	-	-	80.00	10.00	10.00	12.00	-	-	-	-	-	-
3) Water Supply	-	-	10.00	10.00	35.54	-	-	80.00	10.00	10.00	12.00	-	-	-	-	-	-
4) Forests	-	-	20.00	20.00	57.84	-	-	140.00	20.00	20.00	24.00	-	-	-	-	-	-
5) Arts & Culture	-	-	10.00	10.00	32.50	-	-	100.00	10.00	10.00	12.00	-	-	-	-	-	-
6) Rural Development	-	-	11.00	11.00	27.85	-	-	90.00	11.00	11.00	15.00	-	-	-	-	-	-
7) Agriculture	-	-	81.00	81.00	90.00	-	-	650.00	81.00	81.00	92.00	-	-	-	-	-	-
8) Soil Conservation	-	-	10.00	10.00	21.46	-	-	80.00	10.00	10.00	12.00	-	-	-	-	-	-
9) Community project	-	-	19.81	19.81	77.10	-	-	160.00	19.81	19.81	25.00	-	-	-	-	-	-
10) Social Welfare	-	-	9.00	9.00	23.00	-	-	60.00	9.00	9.00	12.00	-	-	-	-	-	-
11) Animal Husbandry	-	-	9.00	9.00	27.67	-	-	80.00	9.00	9.00	12.00	-	-	-	-	-	-
12) Industry	-	-	10.00	10.00	24.59	-	-	80.00	10.00	10.00	14.00	-	-	-	-	-	-
TOTAL OF LAI DISTRICT																	
COUNCIL :				249.81	249.81	557.16	-	-	1900.00	249.81	249.81	303.00	-	-	-	-	-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<u>MARA DISTRICT</u>																	
<u>COUNCIL :</u> 110347000																	
1) Rural Commu- nication.	-	-	216.38	-	122.81	-	-	321.53	46.00	46.00	52.00	-	-	-	-	-	-
2) Arts & Culture	-	-	13.19	-	11.39	-	-	16.44	4.22	4.22	4.30	-	-	-	-	-	-
3) Forest	-	-	223.57	-	23.57	-	-	54.45	8.87	8.87	10.26	-	-	-	-	-	-
4) Agriculture	-	-	33.92	-	33.92	-	-	175.50	68.00	68.00	24.44	-	-	-	-	-	-
5) A.H. & Veterinary	-	-	13.50	-	13.50	-	-	24.62	3.15	3.15	4.30	-	-	-	-	-	-
6) Soil & Water conservation	-	-	15.55	-	13.60	-	-	24.50	4.10	4.10	4.00	-	-	-	-	-	-
7) Industry	-	-	8.18	-	8.18	-	-	18.45	3.20	3.20	2.90	-	-	-	-	-	-
8) Water supply	-	-	0.00	-	20.00	-	-	54.00	2.23	2.23	-	-	-	-	-	-	-
9) Social welfare	-	-	39.00	-	28.39	-	-	84.84	4.00	4.00	15.40	-	-	-	-	-	-
10) Community Development	-	-	38.42	-	38.42	-	-	129.45	9.95	9.95	20.50	-	-	-	-	-	-
11) Rural Development	-	-	0.82	-	0.82	-	-	6.62	56.90	56.90	1.40	-	-	-	-	-	-
12) Sanitation	-	-	-	-	-	-	-	-	6.05	6.05	-	-	-	-	-	-	-
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TOTAL OF MARA DISTRICT COUNCIL: 556.02																	
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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CHAKMA DISTRICT COUNCIL:																		
<u>110347000</u>																		
1) Rural Development	-	-	19.20	19.20	42.35	-	-	128.05	9.20	9.20	19.94	-	-	-	-	-	-	-
2) Agriculture	-	-	52.00	52.00	70.48	-	-	370.77	52.00	52.00	62.92	-	-	-	-	-	-	-
3) Rural Communication	-	-	28.05	28.05	96.36	-	-	262.40	28.05	28.05	43.18	-	-	-	-	-	-	-
4) Community Project	-	-	21.60	21.60	18.77	-	-	146.56	21.60	21.60	22.75	-	-	-	-	-	-	-
5) Arts & Culture	-	-	8.20	8.20	26.50	-	-	62.60	8.20	8.20	6.40	-	-	-	-	-	-	-
6) Water Supply	-	-	8.15	8.15	32.31	-	-	62.51	8.15	8.15	9.86	-	-	-	-	-	-	-
7) Forest	-	-	7.90	7.90	37.48	-	-	57.20	7.90	7.90	8.90	-	-	-	-	-	-	-
8) Sanitation	-	-	7.40	7.40	33.78	-	-	50.88	7.40	7.40	8.00	-	-	-	-	-	-	-
9) Industry	-	-	5.00	5.00	19.20	-	-	37.39	5.00	5.00	5.75	-	-	-	-	-	-	-
10) Social Welfare	-	-	1.70	1.70	3.55	-	-	12.97	1.70	1.70	2.30	-	-	-	-	-	-	-
11) Animal Husbandry	-	-	4.82	4.82	19.47	-	-	36.47	4.82	4.82	5.50	-	-	-	-	-	-	-
12) Soil Conservation	-	-	4.50	4.50	12.33	-	-	31.71	4.50	4.50	5.00	-	-	-	-	-	-	-
TOTAL OF CHAKMA DISTRICT COUNCIL	-	-	168.52	168.52	412.58	-	-	1259.51	158.52	158.52	200.50	-	-	-	-	-	-	-
TOTAL OF GENERAL ECONOMIC SERVICES	110000000		1038.75	436.33	1669.60	-	-	4481.82	695.70	695.70	728.30							

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
SCHOOL EDUCATION 221220207																
General Education 01																
<u>Elementary Education</u>																
(This will include pre-primary, primary & Middle School Edn.)																
Direction & Administration	001	Aizawl	1985	3.00	1.75	1.75	1.75	1.75	-	1.00	1.00	-	-	-	-	-
Govt. Primary Schools	101	Village & town	1985	65.00	127.86	127.86	127.86	127.86	1060.10	143.00	143.00	187.00	372.	243	357	-
Assistance to N-Govt. Primary Schools	102	-do-	1985	15.00	17.25	17.25	17.25	17.25	-	-	-	-	-	-	-	-
Assistance to Local bodies for Primary Edn.	103	C.T.F	1985	131.10	159.03	159.03	159.03	159.03	543.50	85.70	85.70	86.84	143	92	128	-
Inspection	104	Azl.	1985	10.90	4.20	4.20	4.20	4.20	213.90	8.50	8.50	33.00	2Div.	-	1	-
Other Expdr.	800	Village & Town	1985	536.00	738.26	738.26	738.26	738.26	1002.50	78.80	78.80	143.16	50 Schts.	10	10	-

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<u>Secondary Education</u> - 02																	
Direction & Administration	001	-	-	2.50	2.50	2.50	2.50	2.50	-	-	-	-	-	-	-	-	-
Research & Training	004	-	-	-	-	53.08	53.08	53.08	-	-	-	-	-	-	-	-	-
Inspections	101	Aizawl	1991	4.25	-	-	-	-	112.50	5.00	5.00	20.40	1Dist.	1	-	-	-
Government Secondary Schools	109	Village & Town	1991	57.00	-	-	-	-	84.20	10.40	10.40	9.60	10Tch.	13	5	-	-
Assistance to Non-Govt. Secondary Schools	110	-do-	1985	428.75	489.22	489.22	489.22	489.22	697.80	78.60	78.60	109.10	40 Schl.	10	5	-	-
Other Expend.	800	-	-	-	-	-	-	-	5.50	-	-	0.90	3tch.	-	3	-	-
<u>Adult Education</u> - 04																	
Grants to Voluntary Organisation	101	Village & Town	1985	4.50	5.25	5.25	5.25	5.25	1.20	0.40	0.40	0.20	240No.	80	40	-	-
Rural Functional Literacy Prog.	103	-	1985	38.00	23.62	23.62	23.62	23.62	36.54	7.65	7.65	6.10	900Nos	250	200	-	-
Other Adult Edn. Prog.	200	-	1985	7.50	15.87	15.87	15.87	15.87	92.25	59.95	59.95	11.10	-	-	-	-	-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<u>SPORT & YOUTH SERVICES 221220400</u>																	
Direction & Admn.	001	-	--	-	-	77.00	-	-	203.00	26.00	26.00	29.00	-	-	-	-	-
Dist. Admn.	001	-	-	-	-	-	-	-	40.00	13.00	13.00	12.00	-	-	-	-	-
Phy. Edn.	101	-	-	-	-	26.50	-	-	30.00	3.95	3.95	5.00	-	-	-	-	-
N.C.C.	102	-	-	-	-	13.60	-	-	30.00	4.00	4.00	5.30	-	-	-	-	-
SOUTS & Guid.	102	-	-	-	-	13.40	-	-	35.00	4.80	4.80	6.00	-	-	-	-	-
Y.A.C.	102	-	-	-	-	15.10	-	-	52.00	5.50	5.50	8.00	-	-	-	-	-
N.S.S.	102	-	-	-	-	3.19	-	-	14.00	2.00	2.00	2.70	-	-	-	-	-
Sports & Games	104	-	-	-	-	36.55	-	-	46.00	8.75	8.75	13.00	-	-	-	-	-
Sports Council	104	-	-	-	-	36.00	-	-	200.00	22.00	22.00	25.00	-	-	-	-	-
<u>TOTAL OF SPORT & YOUTH SERVICES</u>						221.34	-	-	650.00	90.00	90.00	106.00					

ARTS & CULTURE 221220500

Direction	001	Azi. 1989	45.58	46.58	42.80	-	42.80	240.00	45.16	45.16	52.30						
Fine Arts Education	101	Azi. 1985	12.30	12.30	15.66	-	15.66	46.80	4.96	4.96	5.00						
Promotion of Arts & Culture	102	Azi. 1985	11.64	11.64	7.60	-	7.60	30.00	3.64	3.64	3.70						

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Rural Health Service <u>Allopathy</u>	<u>03</u>															
Primary Health Centre	103	-	-	-	-	661.64	-	-	480.50	149.00	149.00	97.00	-	-	-	-
Rural Health Services-Other systems of <u>Medicine</u>	<u>04</u>															
Homeopathy	102	-	-	-	-	6.06	-	-	7.50	0.50	0.50	1.50	-	-	-	-
Medical Education, Training & Research	<u>05</u>															
<u>Allopathy</u>	105	-	-	-	-	8.43	-	-	12.60	3.50	3.50	1.10	-	-	-	-
<u>Public Health</u>	<u>06</u>															
Prevention & control of Diseases	101	-	-	-	-	94.61	-	-	129.00	53.50	53.50	48.00	-	-	-	-
Prevention of food adulteration	102	-	-	-	-	-	-	-	32.00	-	-	2.70	-	-	-	-
Drug Control	104	-	-	-	-	2.17	-	-	15.00	1.60	1.60	3.50	-	-	-	-
Public Health Education	112	-	-	-	-	10.97	-	-	31.00	3.70	3.70	9.00	-	-	-	-
TOTAL OF MEDICAL						1240.93	-	-	2156.60	339.00	339.00	382.60	-	-	-	-

	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
3) <u>Housing LAD</u> <u>223221602</u>									2803.00	144.00	144.00	503.30					
a) Other Expdr.	800	-	-	-	-	-	-	-	2437.50	120.00	120.00	425.30					
<u>Rural Housing</u>	<u>03</u>																
a) Provision of House site	800	-	-	-	-	-	-	-	98.00	5.00	5.00	18.00					
b) Constn. assistance	800	-	-	-	-	-	-	-	189.50	12.00	12.00	40.00					
c) Resettlement of Villages	800	-	-	-	-	-	-	-	87.00	7.00	7.00	20.00					
TOTAL OF HOUSING				537.32					3977.00	277.00	277.00	684.30					
STATE CAPITAL DEVELOPMENT <u>223221701</u>																	
a) Direction & Admn.	001	-	-	-	-	-	-	-	-	19.50	19.50	-					
b) Machinery & Equipments	052	-	-	-	-	-	-	-	-	1.80	1.80	-					
c) Construction	051	-	-	600.00	-	-	-	-	602.00	190.70	90.70	50.00					
TOTAL OF STATE CAPITAL DEVELOPMENT				600.00					602.00	112.00	112.00	50.00					
INTEGRATED DEVELOPMENT OF SMALL AND MEDIUM TOWNS <u>223221703</u>																	
1) Direction & Admn.	001	-	-	33.00	-	-	-	-	-	9.20	9.20	-					
2) Construction	051	-	-	33.00	33.00	4.30	-	-	14.30	14.30	14.30	-					
TOTAL OF INTEGRATED DEVELOPMENT OF SMALL AND MEDIUM TOWNS				33.00	33.00	4.30			14.30	23.50	23.50	-					

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<u>Others</u>	<u>60</u>																
c) Research and training in Mass Communication	003	-	-	15.00	-	-	-	-	15.00	1.50	1.50	1.50					
d) Advertising & Visual publicity	101	-	-	10.00	-	-	-	-	10.00	1.50	1.50	1.50					
e) Information centres	102	-	-	15.00	-	-	-	-	15.00	5.30	5.30	2.00					
f) Press Information Services	103	-	-	30.00	-	-	-	-	30.00	4.00	4.00	4.00					
g) Field Publicity	106	-	-	25.00	-	-	-	-	25.00	6.00	6.00	5.00					
h) Songs & Drama Services	107	-	-	15.00	-	-	-	-	15.00	2.00	2.00	3.00					
i) Photo Services	109	-	-	30.00	-	-	-	-	30.00	4.00	4.00	5.00					
j) Publications	110	-	-	20.00	-	-	-	-	20.00	3.00	3.00	4.00					
k) Community Radio & Television	111	-	-	30.00	-	-	-	-	30.00	4.00	4.00	4.00					
l) Other Expend.	800	-	-	30.00	-	-	-	-	30.00	4.00	4.00	4.00					
TOTAL OF INFORMATION & PUBLICITY				255.00	-	-	-	-	255.00	39.30	39.30	38.00					

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<u>LABOUR & EMPLOYMENT</u> 226223000																	
<u>LABOUR</u> 01																	
1) Direction & Admn.		-	-	-	-	-	-	-	-	1.00	0.50	1.00	-	-	-	-	-
<u>Employment</u>	<u>02</u>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2) Direction & Admn.	001	-	-	-	-	-	-	-	-	-	0.40	0.65	-	-	-	-	-
3) Employment Exchange	001																
Training	<u>03</u>																
4) Training of Craftman and Supervisors	003																
5) Industrial Training Institute	101	-	-	-	-	-	-	-	-	12.00	12.00	6.00					
6) Apprenticeship Training	112																
<u>TOTAL OF LABOUR & EMPLOYMENT</u>										13.00	13.00	9.65					

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1
<u>SOCIAL WELFARE</u>		<u>227223502</u>															
1) Direction & Admn.	001	-	1981	-	-	19.43	-	-	138.50	10.00	10.00	18.00	-	-	-	-	-
2) Welfare of Handicapped	101	-	1975	-	-	21.51	-	-	58.34	14.22	14.22	10.10	-	-	-	-	-
3) Child Welfare	102	-	-do-	-	-	30.82	-	-	2.33	1.06	1.06	0.55	-	-	-	-	-
4) Women's Welfare	103	-	-do-	-	-	16.18	-	-	31.30	6.00	6.00	5.23	-	-	-	-	-
5) Welfare of Aged, Information and Destitute	104	-	-do-	-	-	15.39	-	-	46.00	5.00	5.00	6.00	1250	416	500	-	-
6) Prohibition	105	-	1985	-	-	18.56	-	-	35.75	6.00	6.00	6.00	700	15	13	-	-
7) Correctional Services	106	-	-do-	-	-	61.21	-	-	78.28	7.72	7.72	14.12	-	-	-	-	-
8) Assistance to Voluntary organisation	107	-	1975	-	-	35.46	-	-	9.50	2.00	2.00	2.00	1500	1260	1260	-	-
<u>TOTAL OF SOCIAL WELFARE</u>						208.66	-	-	400.00	52.00	52.00	62.00					
<u>NUTRITION</u>		<u>227223602</u>															
Special Nutrition Prog.	001	-	-	-	-	357.92	-	-	730.00	100.00	100.00	112.00	-	92500	92500	-	-
<u>TOTAL OF SOCIAL SERVICES</u>						3338.68	4664.61	15793.91	2004.30	2004.30	2753.38						

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<u>GENERAL SERVICES</u>																
<u>JAILS</u>		<u>342205600</u>														
1) Direction & Admn.	001	-	1988	22.25	22.25	25.25	-	-	20.00	-	-	7.00	-	-	-	-
2) Jails	101	-	-	10.00	10.00	10.00	-	-	291000	6.26	6.26	65.00	-	-	-	-
3) Jail Manufactures	102	-	-	3.00	3.00	3.00	-	-	10.00	2.00	2.00	5.00	-	-	-	-
4) Other Expdr.	800	-	-	9.75	-	9.75	-	-	25.00	6.70	6.70	10.00	-	-	-	-
<u>TOTAL OF JAILS</u>				45.00	38.25	48.00	-	-	346.00	14.96	14.96	87.00	-	-	-	-
<u>STATIONERY & PRINTING</u>		<u>342205800</u>														
1) Constn. of Buildings	051	-	-	80.00	80.00	-	-	-	80.00	20.00	20.00	10.00	-	-	-	-
<u>OTHER ADMINISTRATIVE SERVICES</u>		<u>34220700</u>														
1) Establishment of Standard Training Institute	003	Az1.	-	-	-	-	-	-	80.00	10.00	10.00	15.00	-	-	-	-
<u>TOTAL OF GENERAL SERVICES</u>				125.00	118.25	48.00	-	-	506.00	44.96	44.96	112.00	-	-	-	-

9426.79

12085.91

16997.96

48482.21

6628.36

6618.36

11305.66

III 'C' PART EIGHT PLAN (1990-95) PROPOSALS FOR PROJECTS/PROGRAMME - NEW SCHEME

Outlay/Expenditure in Rs. lakhs and physical Targets/
Benefits in relevant units of measures)

NAME OF STATE : MIZORAM

PARTICULARS	Code No. Major Head Minor Head	Nature & Location of the scheme.	Commence- ment Year	Estima- ted Cost	6th Plan 1990-95 proposed outlay.	ANNUAL PLAN		Annual Plan 1990- 92 Propo- sed ou- -tlay.	ANTICIPATED BENEFITS			Remarks specifi- cally Envi- ronment- al mea- sures.	
						Appro- ved ou- tlay.	Antici- pated Espar.		8th Plan 1990- 91 Ha.	1990- 1991- 92	Beyond 8th Plan		
1	2	3	4	5	6	7	8	9	10	11	12	13	14

NEW SCHEME

CROP HUSBANDRY : 101240100

1) Production complex and Watershed Management Project.	800(1)	North Van- laiphai & Tuirihl.	1991-92	365.00	365.00	-	-	20.00	14.5 (HA)	-	2.52 (HA)	14.5 (HA)	
2) Assistance to small & Marginal Farmers.	115	Whole Mizoram	1991-92	350.00	350.00	-	-	50.00	1.00 (HA)	-	0.25 (HA)	1.00 (HA)	
3) Crop Insurance	110	All Mizoram	1991-92	4.00	4.00	-	-	1.00	-	-	-	-	
TOTAL :				719.00	719.00	-	-	71.00	-	-	-	-	

ANIMAL HUSBANDRY : 101240300

1) Aizawl West District	101.00	Aizawl	1991-92	36.08	36.08	-	-	-	14Nos.	-	-		
2) Serchhip District	101.00	Serchhip	1992-93	30.10	30.10	-	-	-	10Nos.	building-			
3) Mnahthial District	101.00	Mnahthial	1992-93	30.10	30.10	-	-	-	10Nos.	-	-		
4) Lawngtlai District	101.00	Lawngtlai	1992-93	30.10	30.10	-	-	-	10Nos.	-	-		
5) Vety. Hospital at Koladib.	101.00	Kolasib	1991-92	23.40	23.40	-	-	7.30	10Nos.	-	-		
6) Vety. Hospital at Chemphai.	101.00	Chemphai	1992-93	18.35	18.35	-	-	-	10Nos.	-	-		

Contd...2/-

1	2	3	4	5	6	7	8	9	10	11	12	13	14
7.	Vety. Dispensaries(15nos)	101.00	Rural	1991-92	129.80	129.80	-	-	16.20	60Nos.	14Nos.	-	-
8.	R.A.H. Centres(28nos)	101	Rural	1991-92	92.50	92.50	-	-	9.70	24Nos.	14Nos.	-	-
9.	Frozen Semen Processing at Tanhril.	101	Tanhril	1992-93	60.25	60.25	-	-	-	26Nos. Bills	-	-	-
10.	Liquid Nitrogen Plant at Lunglei.	101	Lunglei	1992-93	44.03	44.03	-	-	-	1LN Plant	-	-	-
11.	Cattle Breeding Farm at Kolaib.	101	Kolaib	1992-93	35.50	35.50	-	-	-	14Bldgs.-	-	-	-
12.	Cattle Breeding Farm at Champhai.	101	Champhai	1992-93	35.68	35.68	-	-	-	14Bldgs.-	-	-	-
13.	Piggery Demonstration Farm at Champhai.	101	Champhai.	1991-92	28.44	28.44	-	-	1.50	11Bldgs.-	-	-	-
14.	Piggery Demonstration Farm at Saina.	101	Saina	1992-93	28.49	28.49	-	-	-	10Bldgs. 32Sows.	-	-	-
15.	Piggery Demonstration Farm at Thingdawl.	101	Thingdawl	1992-93	100.00	100.00	-	-	-	32Bldgs. 150Pigs.	-	-	-
16.	Feed Mixing Plant at Aizawl	101	Aizawl	1991-92	58.15	58.15	-	-	-	13Bldgs.	-	-	-
17.	Moder Abattoir at Aizawl	101	Aizawl	1991-92	56.65	56.65	-	-	34.55	12Bldgs.-	-	-	-
18.	Operation Flood - III	101	Aizawl	1992-93	189.00	189.00	-	-	-	14044Animals 2580 Sub.	-	-	-
19.	Operation Rinderpest Zerr	-	Vairengte	1992-93	170.73	170.73	-	-	-	40Bldgs.-	-	-	-
TOTAL :					1197.35	1197.35	-	-	69.15				

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<u>FISHERIES</u>	<u>101240500</u>												
1. <u>Inland Fisheries</u>	<u>101</u>	Survey of potential rivers in the state.	4990-91	20.00	20.00	1.00	1.00	2.00	500ha.	100ha.	100ha.	Development of Mat River for conservation and exploitation	
a) Development of Riverine Fisheries.													
<u>FORESTRY & WILDLIFE</u>	<u>101240600</u>												
112 Public Gardens	02 112	-	1991-92	26.00	26.00	-	-	5.00	-	L.S.	L.S.		
<u>I.R.E.P.</u>	<u>102250100</u> 04	-	1990-91	100.00	100.00	20.00	20.00	25.00				3 C.D. Blocks will be covered from 1991-92. Benefits are similar to NCSE Scheme.	
<u>LAND REFORMS</u>	<u>102250600</u>												
Land Statistics and Evaluation.	012	-	1990-91	14.20	14.20	1.50	-	-	-	-	-		
<u>OTHER RURAL DEV. PROG- RAMPNE</u>	<u>102251500</u>												
New Land Use Policy	001												
Commissionariat	800(1)				455.01	64.712	64.712	99.298	455.01	64.712	99.298		
Dist. Administration	800(2)	Urban											
Block Administration	800(2)	-											
Agriculture	800(3)	Rural			5358.105	360.372	360.372	371.733	5358.105	360.372	371.733		

Contd.../-

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
5. A.H & Vety.		800(3)	Rural areas.			5971.827	564.622	564.622	549.905	5971.827	564.622	549.905		
6. Industries		-n-	-n-			1316.925	98.651	98.651	108.724	1316.925	98.651	108.724		
7. Soil etc.		-n-	-n-			560.648	23.821	23.821	74.227	560.648	23.821	74.227		
8. Forest		-n-	-n-			771.564	43.272	43.272	37.392	771.564	43.272	37.392		
9. Fisheries		-n-	-n-			103.425	38.04	38.04	7.560	103.425	38.04	7.560		
10. Link road		-n-	-n-			196.00	4.00	4.00	48.00	196.00	4.00	48.00		
TOTAL OF NLUP :						15670.00	1200.00	1200.00	2468.60	15670.00	1200.00	2468.60		

MEDIUM IRRIGATION 104270100
NEW SCHEME

1. Mat Valley Multipurpose Projects.

(i) Hydro Electric component.

Multi purpose

(ii) Command area development. (Mat Valley Multipurpose project).

Project Mat valley.

(iii) Irrigation Component.

1991 Project report \$ 50 not finalized.

2. Survey & Investigation of Chandur, Huga & Bilkanthia area

-do- Irrig. Micro-plan.

1991 157 50 157 100

5 8

1	2	3	4	5	6	7	8	9	10	11	12	13	14
POWER	105200100												
I. Hydel Generation	01												
(i) Tuiphal (2MW)		Minihydel near paml- rang in Azl. District.		500.00	500.00				2 MW				
4) Tuipanglu (1MW)		Minihydel near Yui- pang in LLI District.		300.00	300.00				1 MW				
5) Kau-Tlabung (2MW)		Minihydel near W. Bung- haun in LLI District.		500.00	500.00				2 MW				
6) Maicham Stage-II (2MW)		Minihydel near W. Van- lapiazi.		500.00	100.00							2 MW	
7) Ngengruai (2x250KW)				145.00	145.00			50.00	0.5MW				Rs. 0.03 lakhs is provided for aff- orestation etc.
8) Tuirial (50 MW)		Major hydel near N. Chawn- pui in Azl. District.		12300.00	170.00							50 MW	
Total Hydel Generation.				25345.00	1923.00			50.00					
II. Diesel/Gas Power Generation	105200100												
	04			1500.00	1500.00				6 MW				
1) 6 MW Gas Generation Scheme													
Total Generation				26845.00	3423.00			50.00					

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
III. Transmission & Distribution 105280100														
A. <u>Transmission</u> 05														
<u>132 KV lines</u>														
1)	Bilkhawthir-Aizawl(85KM)				510.00	510.00				85 KM				
2)	Saitual-E.Pheileng(40KM)				240.00	240.00				40 KM				
Total lines :					750.00	750.00				125 KM				
<u>Sub-Stations</u>														
1)	132KV Bilkhawthir at Bilkhawthir (2x12.5 MVA)				300.00	300.00				2x12.5 MVA				
2)	Augmentation of 66KV at Kolasin S/S by Kolasib 2x6.3 MVA				80.00	80.00		40.00		2x6.3 MVA				
3)	33KV E.Pheileng at E.Pheileng 2x2.5 MVA				60.00	60.00				2x2.5 MVA				
Total Sub-Station.:					440.00	440.00		40.00						
Total Transmission :					1190.00	1190.00		40.00						
B. <u>Distribution</u>														
1)	Distribution works 90-91				1420.00	1420.00	210.00	210.00	350.00	Extension of distribution network to meet the growing demand.				
2)	Master Plan for system Improvement in Aizawl town Phase-II.				300.00	300.00				Deduction of T & D losses in the area.				
Total Distribution :					1720.00	1720.00	210.00	210.00	350.00					
Total Transmission and Distribution :					2910.00	2910.00	210.00	210.00	390.00					

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
IV. <u>Rural Electrification</u>		105280100												
		06	90-91	2744.00	2744.00	400.00	400.00	560.00	323	50	66			
												villages		
V. <u>General</u>		105280100												
i) <u>Survey of Investigation of hydel Projects.</u>		00	90-91	69.00	64.00	15.00	15.00	20.00	10Pro-	5Pro-	6Pro-			
									jects.	jacts.	jacts.			
ii) <u>Construction of Buildings.</u>		at												
		Aizawl	90-91	300.00	300.00	5.00	5.00	60.00						
<u>Total General :</u>				369.00	364.00	20.00	20.00	80.00						
VI. <u>Non-Conventional Sources of Energy</u>		105281000												
			90-91	170.00	170.00	26.00	26.00	34.00						
														Electrification of villages by solar & wind energy, Biomass and Biogas plants, solar cookers & Forestry are anticipated benefits from this scheme.
<u>Total :</u>				33038.00	9611.00	666.00	666.00	1124.00						
<u>VI. INDUSTRY & MINERALS : 106285100</u>														
<u>Common Facility Centre.</u>			90-91	40.00	40.00									
<u>Annual Plan 1991 - 92</u>		<u>ANTICIPATED BENEFITS</u>												
<u>Proposed outlay.</u>		<u>Eighth Plan</u>	<u>1990-91</u>		<u>1991-92</u>		<u>Beyond Eight Plan</u>							<u>Remarks specifically environmental measures/costs.</u>
	9	10	11	12	13	14								
	6.00	Units	Under execution	Under execution	100SSI units									

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
ROADS & BRIDGES :		107305400												
RURAL ROADS UNDER MNP														
1. Khawbung-Farkawn Rd. 70KM (Impvt. of existing Jeep Rd.)	008	Roads	1992	1400	100	-	-	-	RW&C	-	-	S/L, S-70	Nil	
2. Lawngtlai-Rawibuk (Jeep Rd.) (15 KM)	do	Roads	1992	300	50	-	-	-	S/L, U/S 15KM	-	-	S/L, S=15	-	
BRIDGES														
3. Jeepable suspension River- Tlawng on Raiek Road.	do	Bridges	1991	7	7	-	-	7	1no.	-	1no.	Nil	-	
4. Tlawng bridges on Bairabi-- Zamuang road.	do	-	1993	230	190	2	2	-	1no.	+	-	Nil	-	
5. Jeepable suspension bridge - on Hnahthial-Thingsai road	do	-	1991	7	7	-	-	7	1no.	+	1no.	Nil	-	
6. Tuipui bridge on Hnahthial - - S. Vanlaiphai Road.	do	-	1993	300	195	3	3	-	30%	-	-	1 Bridge	-	
TOTAL :				2244	449	5.00	5.00	14.00						

INLAND WATER TRANSPORT :

Lock Gates	107305600	Lock gates Mizo- ram.	1992	25.00	25.00	-	-	-	100%	-	-	Nil		
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IX. SCIENCE, TECHNOLOGY & ENVIRONMENT :

1. Research Laboratory	109000000				50.00	-	-	15.00	-	-	-	-	-	Approved in principle by Planning Commission but deferred till 8th Plan finalisation.
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1	2	3	4	5	6	7	8	9	10	11	12	13	14
2. Technology Mission.	10900000	-	-	-	12.00	-	-	18.00	-	-	-	-	Approved by DST.
3. Low Head Micro-turbines	- do -	-	-	-	16.00	-	-	6.00	89KW	-	40KW	-	Approved by and joint venture with DST.

TOTAL : 24.00

TOURISM : 110345200

1. TOURIST CENTRE	101	1)Beraw Tiang Aizawl	1993-91	15.00	15.00			5.00	100%	20%	60%	-	-
		2)Tamdil		-	-	10.00	-	-	3.00	100%	20%	60%	-
		3)Golf Course Thenzawl		-	-	2.00	-	-	-	100%	-	-	-
		4)Swimming Pool Thenzawl		-	-	4.00	-	-	-	100%	-	-	-
		5)Pony Riding Thenzawl.		-	-	2.00	-	-	-	100%	-	-	-
		6)Ventawng fall Thenzawl.		-	-	15.00	-	-	-	100%	-	-	-
		7)Blue Mountains		-	-	10.00	-	-	-	100%	-	-	-
		8)Palak Lake		-	-	8.00	-	-	-	100%	-	-	-
		9)TOURISM & REST HOUSE		-	-	20.00	3.30	3.30	7.00	100%	20%	70%	-

TOURIST ACCOMMODATION

102

1)Tourist Lodge Bairabi.	-	-	25.00	-	-	-	100%	-	-	-	-	-
2)Tourist Lodge New Vervek.	-	-	10.00	-	-	-	100%	-	-	-	-	-
3)Tourist Lodge Khawbung	-	-	10.00	-	-	-	100%	-	-	-	-	-
4)Tourist Lodge Chawngto.	-	-	10.00	-	-	-	100%	-	-	-	-	-
5)Tourist Lodge Tlabung	-	-	16.00	-	-	-	100%	-	-	-	-	-

TOTAL: 157.00 3.3 3.30 15.00

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<u>CIVIL SUPPLIES :</u>		<u>**0345600</u>											
Construction of Office building for State Commission and District Forums.	801	Aizawl/ Lunglei & Chhim taipui.	1991-92	40.00	40.00	-	-	5.00	4Nos.	-	1No.	-	
Construction of Office building Residence of Sub-divisional Civil Supply Officers, Circle Inspectors office cum-Residence and Staff Quarters.	801	-	1991-92	48.00	48.00	-	-	3.60	48Nos.	-	2Nos.	-	
Construction of Godown.	800	Mizoram	1991-92	22.00	22.00	-	-	4.00	12Nos.	-	2Nos.	-	
Shifting of Godown.	800	Mizoram	1991-92	10.00	10.00	-	-	2.00	5Nos.	-	2Nos.	-	
Opening of Fair Price Shop	800	Mizoram	1991-92	40.00	40.00	-	-	8.00	80Nos.	-	20Nos.	-	
Subsidy on Iodised Salt & K.Oil	800	-	1991-92	22.50	22.50	-	-	5.00	1620KL of SK and 630 MT of Iodised Salt.	-	360Litres of SK and 140MT of Iodised Salt.	-	
TOTAL OF 1103456 00 :				182.50	182.50	-	-	27.00	-	-	-	-	

1	2	3	4	5	6	7	8	9	10	11	12	13	14
X - 2													
21,1232 - Education													
03 - University & Higher Education													
001 - Direction	Urban	1990	160.00	160.00	20.00	20.00	25.00	Bldg.Staff	5	0	15		
102 - Assistance to Universities (Central University of Mizoram)	Urban	1990	50.00	50.00	25.10	25.10	5.00	land Bldg.	land	bldg.	land	bldg.	
103 - Mizoram Residential Science College.	Rural	1990	100.00	100.00	1.00	1.90	6.00	1000	100	250	1000		
103 - Autonomous Colleges	Urban	1991	10.00	10.00	-	-	-	-	-	-	-	-	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
103 - Hostel for Postmatric Students.			Urban	1991	20.00	20.00	-	-	0.50	1500	-	50	2000	
103 - State Council of Higher Education.			Urban	1992	10.00	10.00	-	-	-	10	-	-	15	
104 - Law College			Urban	1992	45.00	45.00	-	-	15.00	45	-	50	220	
104 - IGNOU			Urban	1990	2.00	2.00	0.40	0.40	0.50	100	10	20	100	
107 - Research Fellowship			Urban	1990	20.00	20.00	4.00	4.00	4.00	40	8	10	50	
<u>221, 2203 - TECHNICAL EDUCATION</u>														
105 - Women's Polytechnic			Urban	1990	100.00	100.00	15.00	15.00	20.00	300	20	40	50	
105 - Mizoram State Council for Technical Edn.			Urban	1993	20.00	20.00	-	-	-	20	-	-	20	
TOTAL :					537.00	537.00	66.40	66.40	77.00					

SPORTS & YOUTH SERVICES : 221223400

Estt. of District Administration at Mizawl & Saiha.	001	-	-	-	50.00	-	-	4.00	-	-	-	-	-	
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ART & CULTURE : 221223500

District Offices	001	Subordinate Offices, Rural	1991-1995	24.00	24.00	-	-	6.00						
College of Fine Arts & School of Music.	101	Institute Urban	1993-1995	11.00	11.00	-	-	-						
Archaeological Survey	106	Office Rural	1992-1995	15.00	15.00	-	-	0.50						

1	2	3	4	5	6	7	8	9	10	11	12	13	14
District Gazetteer	000	Office Rural	1992-95	12.00	12.00	-	-	66.50	-	-	-	-	-
T O T A L :-				62.00	62.00	-	-	7.00					
<u>MEDICAL & PUBLIC HEALTH 222221000</u>													
<u>Rural Health Services : Alopathy</u> <u>03</u>													
Primary Health Centre	103	10 nos	1991-92	336.00	336.00	-	-	90.00	-	-	-	-	-
Community Health Centre	104	5 nos.	1991-92	200.00	200.00	-	-	35.00	-	-	-	-	-
Other Expenditure	300	-	1991-92	200.00	200.00	-	-	36.00	-	-	-	-	-
<u>Urban Health Services - Alopathy</u> <u>04</u>													
Hospital & Dispensary	110	-	1991-92	605.00	605.00	-	-	137.00	-	-	-	-	-
Direction & Administration	001	-	1991-92	140.00	140.00	-	-	70.00	-	-	-	-	-
Medical Store Depot	104	-	-do-	95.00	95.00	-	-	40.00	-	-	-	-	-
<u>Other system of Medicines</u> <u>05</u>													
Homeopathy	102	4 nos.	1991-92	14.40	14.40	-	-	14.40	-	-	-	-	-
<u>Medical Education, Training & Research</u> <u>05</u>													
Alopathy	105	-	1991-92	30.00	30.00	-	-	15.00	-	-	-	-	-
<u>Public Health</u> <u>06</u>													
Prevention & Cont. of Disease	101	-	1991-92	34.00	34.00	-	-	34.00	-	-	-	-	-
Prevention of Food Adulteration	102	-	1991-92	42.00	42.00	-	-	10.00	-	-	-	-	-
T O T A L OF 222221000 :-				1776.40	1776.40	-	-	439.40	-	-	-	-	-

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<u>WATER SUPPLY & SANITATION</u>													
	2 23 2215 00												
	01												
Buildings.	000	Construction	-	-	405.00	-	-	-	-	-	-	-	-
		of Buildings											
		Aizawl Town											
		Sewerage Scheme	-	2028.61	300.00	-	-	-	-	-	-	-	-
TOTAL OF 223221500:-					2028.61	705.00	-	-	-	-	-	-	-
<u>Capital Expenditure 223221700</u>													
1. Constn. of New Mln Hostel Annex.	051	Building Aizawl.	1992	50.00	50.00	-	-	-	-	-	-	NIL	-
2. Constn. of building for public parking alone at Upper Bezer	-"	-"	1991	50.00	50.00	-	-	5.00	-	-	-	NIL	-
3. Impvt. of imp. junction within state capital including acquisition of land and property.	-"	Roads/ Aizawl	1991	120.00	90.00	-	-	15.00	10%	-	-	NIL	-
4. Constn. of Govt. Secretariat bldg.	-"	Building Aizawl	1991	300.00	75.00	-	-	10.00	-	-	-	NIL	-
TOTAL :				550.00	265.00			30.00					

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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I. INTEGRATED DEVELOPMENT OF SMALL & MEDIUM TOWN (IDSMT) 223221703

i) Salary, T.E, D.E.etc.	001-Direction & Admn.	-	1990-91	-	50.70	-	-	10.50	Creation of posts.	Creation of post.	-	-	
ii) Constn. of Market complex etc. at Lunglai (spill over projects and new projects.	051-Constructi on(works)	-	1989-90	-	116.30	-	-	16.50	Constn. works.	Constn. works.	Constn. works.		
<u>T O T A L :-</u>					<u>175.00</u>	-	-	<u>27.00</u>					

II. ENVIRONMENTAL IMPROVEMENT OF URBAN SLUMS 223221704

	001-Direction & Admn.	-	1991-92	-	5.00	-	-	1.00	-	-	-	-	
	051-Constn.	i) Aizawl ii) Lunglai	1991-92	-	9.00	-	-	-	-	-	-	-	
	000-Other expdr.	Slum area detail in-vestigation.	1991-92	-	1.00	-	-	1.00	-	-	-	-	
<u>T O T A L :-</u>					<u>15.00</u>	-	-	<u>2.00</u>					

III. OTHER URBAN DEVELOPMENT

i) Salary, T.E., D.E. Rents, etc.	011-Direction & Admn.	-	1990-91	-	55.00	-	-	10.20	-	-	-		
ii) Acquisition of land & Dev. etc.	050-Land.	Aizawl	1990-91	4.00	4.00	-	-	-	-	-	-		
iii) Procurement of topographical maps from SSI, aerial photo and Landsatimagery.	051-Constn (works)	Procurement of township maps, various kinds of curves & Plan preparation and implementation in Mizoram	1991-92	105.90	117.00	-	-	17.50	-	-	-		

1	2	3	4	5	6	7	8	9	10	11	12	13	14
iv) Procurement of Machinery & Equipmt.	052-Machinery & Equipmt.	-	1990-91	-	20.00	-	-	12.00					
v) Other expdr. such as constn. of Departmental office, work-shops seminar etc.etc.	000-Other expdr.	Aizawl	1991-92	-	10.00	-	-	5.00	-	-	Constn. of office bldg.	-	-

TOTAL :- 206.00 - - 44.70

TOTAL :- 396.00 - - 78.70

223 2217 00
 05-Other Urban Development
 051-Construction

a. Pu Zothana Funic Spot	Aizawl			28.60	28.60	-	-	22.60	1nos.	-	Constn.		
b. High Mast Lighting	Aizawl			5.75	59.00	-	-	17.25	12nos.	-	3 Nos.		
c. Fly-Over for Pedestrians	Aizawl			2.25	15.75	-	-	4.50	7 nos.	-	2 Nos.		
d. Slaughter Houses.	Aizawl			1.06	21.24	-	-	4.24	20nos.	-	4 Nos.		
e. Direction building	Aizawl			67.61	67.61	-	-	20.00	1nos.	-	Constn.		
				TOTAL :-	104.67	201.60	-	-	60.59				

LABOUR & EMPLOYMENT 2292230 00

01-Labour	Labour	1991-92	10.00	10.00	-	-	2.07	3Nos.	-	1no.	3Nos.		
001-Direction & Admn.	Welfare Aizawl.												
103-Genl. Labour welfare.	Lunglei Saiha.												

None of the schemes would interfere with environment.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
4. Constn. of Treasury & Sub-Treasury Office building at Mizoram			Mizoram	-	20	20	-	-	-	500M ²	-	-	200M ²	
5. Constn. of Godown etc. for Store Div. at various places including storage yard at Bairabi Rail Head.			Mizoram & Bairabi	1990	20	20	-	-	10	500M ²	-	-	500M ²	
6. Constn. of J.E. Office complex for various Dist.			Mizoram	-	400	60	-	-	-	1500M ²	-	-	500M ²	
TOTAL :-					1120	445	-	-	20	-	-	-	-	

OTHER ADMINISTRATIVE SERVICES

ESTABLISHMENT OF STANDARD TRAINING INSTITUTE 342 207000

003 Constn. of 1993-94 100.00 20.00 - - - 50% - -
 Training building
 component

GRAND TOTAL :- 44,036.71 27,497.55 2,014.30
 3,290.20 4,102.43

NAME OF STATE : MIZORAM

(Rs. in lakhs)

PARTICULARS	Code No. Major Head/ Minor Head	Estimated cost	Cumula- tive expdr. upto end of 7th Plan	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91		Annual plan 1991- 92 propo- sed out- lay.	Remark speci- ally enviro- mental sures.
					Appd. outlay	Anti. Expdr.		
1	2	3	4	5	6	7	8	9
<u>Crop husbandry</u>	101240100							
1. Schemes sanctioned/ committed in 1990-91	101240100	6915.12	3317.66	3416.00	485.00	485.00	563.00	
2. New Schemes. -do-		719.00	-	719.00	-	-	71.00	-
<u>Total</u>	101240100	7634.12	3317.66	4135.00	485.00	485.00	634.00	
<u>Soil and water Conservation</u>	101240300							
3. Scheme sanctioned/ committed in 1990-91	101240300	511.82	511.82	1883.00	253.35	253.35	296.53	
<u>Total</u>	101240300	511.82	511.82	1883	253.35	253.35	296.53	

DRAFT VIIIITH PLAN (1990-95) - PROPOSALS FOR PROGRAMMES/PROJECTS

ANNEXURE + III 'D'

NAME OF STATE : MIZORAM

(Rs.in lakhs)

PARTICULARS	Code No.Major Head/ Minor Head	Estimated cost.	Cumula- tive ex- pdr.upto end of 7th Plan	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91)		Annual plan 1990-92 proposed outlay	Remarks specifica- lly enviro- nmental measures/ costs.
					Appd. out lay	anti Exp- dr.		
1	2	3	4	5	6	7	8	9
<u>ANIMAL HUSBANDRY 101240300</u>								
4. Schemes sancti- oned/committed in 1990-91	-do-	-	998.94	2200.00	252.00	252.00	360.00	-
5. New schemes	-do-	1197.35	-	1197.35	-	-	69.15	-
<u>Total of</u>	<u>101240300</u>	<u>1197.35</u>	<u>998.94</u>	<u>3397.35</u>	<u>252.00</u>	<u>252.00</u>	<u>429.15</u>	
<u>FISHERIES 101240500</u>								
6. Schemes sanctioned/ committed in 1990-91	-do-	350.00	172.66	350.00	39.00	39.00	50.00	-
7. New Schemes.	-do-	20.00	-	20.00	-	-	2.00	
<u>Total of</u>	<u>101240500</u>	<u>370.00</u>	<u>172.66</u>	<u>370.00</u>	<u>39.00</u>	<u>39.00</u>	<u>52.00</u>	

PARTICULARS	Code No. Major Head/ Minor Head	Estimated cost.	Cumula- tive expdrplan upto end of 7th Plan	Eight (1990-95) proposed outlay	Annual Plan 1990-91		Annual plan 1991-92 proposed outlay	Remarks specifi- cally en- vironmental sures/er
					Appd out- lay	Anti. Expdr. -		
1	2	3	4	5	6	7	8	9
<u>Forestry & Wildlife</u>	101240600							
8. Critical ongoing schemes	-do-	-	1466.67	3201.00	430.00	430.00	503.00	
9. Schemes sanct- tioned/committ- ed in 1990-91	-do-	-	530.71	1273.00	170.00	170.00	212.00	
10. New Schemes (Public Gardens)	-do-	-	26.00	-	-	-	5.00	
<u>Total of</u>	<u>101240600</u>	<u>-</u>	<u>2023.38</u>	<u>4474.00</u>	<u>600.00</u>	<u>600.00</u>	<u>720.00</u>	
<u>PLANTATION</u>	<u>101240700</u>							
11. Schemes sanc- tioned/commi- tted in 1990- 91.	-do-	<u>346.00</u>	<u>346.00</u>	<u>316.80</u>	<u>46.65</u>	<u>46.65</u>	<u>59.10</u>	

PARTICULARS	Code No. Major Head/ Minor Head	Estimated cost.	Cumule- tive expdr upto end of 7th Pla- a	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91		Annual plan 1991-92 proposed outlay	Rev spe env tal es
					Appd. outlay	Anti. Expdr.		
1	2	3	4	5	6	7	8	
<u>AGRICULTURAL RESEARCH AND EDUCATION</u>	101241500							
12. Schemes sanctioned/ committed in 1990-91	-do-	<u>60.00</u>	<u>41.40</u>	<u>60.00</u>	<u>10.00</u>	<u>10.00</u>	<u>12.00</u>	
<u>COOPERATION</u>	101242500							
13. Schemes sanctioned/ committed in 1990-91	-do-	-	<u>391.16</u>	<u>950.00</u>	<u>126.00</u>	<u>126.00</u>	<u>556.00</u>	

PARTICULARS	Code No. Major Head/ Minor Head	Estimate cost.	Cumula- tive exp- dr. upto end of 7th Plan	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91		Annual plan 1991-92 proposed outlay	Remar spec llv on mer cos
					Appd. outlay	Anti. Expdr.		
	2	3	4	5	6	7	8	

AGRICULTURE
MARKETING

101243500

14. Schemes sanc-
tioned/committed
in 1990-91 -do- 155.00 157.62 155.00 35.00 35.00 40.00

Total of Agri. & Allied Services: 10.274.29 7.965.00 15.741.55 1,847.00 1,847.00 2,392.78

INTEGRATED
RURAL DEV.
PROGRAMME (IRD)
AND RURAL ENPL-
OYMENT (JRV)

10225010001

10225050001

15. Schemes
sanctioned/
committed in
1990-91 -do- 1005.00 201.00 1005.50 190.00 190.00 201.00

16. New Schemes
(I.R.E.P) -do- 100.00 - 100.00 20.00 20.00 25.00

Total of 102250100&102250500 1105.00 201.00 1105.50 210.00 210.00 226.00

PARTICULARS	Code No. Major Head/ Minor Head	Estimate cost	Cumula- tive expdr upto end of 7th Plan	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91		Annual plan 1991-92 proposed outlay	Rem
					Appd. outlay	Anti. Expdr.		
1	2	3	4	5	6	7	8	

LAND REFORMS

102250600

17. Schemes sanction- ed/committed in 1990-91	-do-	60.00	112.00	256.00	34.30	34.30	40.50	
18. New Schemes	-do-	-	-	14.00	0.70	0.70	1.50	
<u>Total of</u>	<u>102250600</u>	<u>60.00</u>	<u>112.00</u>	<u>270.00</u>	<u>35.00</u>	<u>35.00</u>	<u>42.00</u>	

PARTICULARS	Code No. Major Head/ Minor Head	Estimated cost.	Cumula- tive expdr. upto end of 7th Plan	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91		Annual Plan 1991-92 proposed outlay	Rema- spec- lly one me- cos
					Appd. outlay	Anti. Expdr.		
1	2	3	4	5	6	7	8	
<u>COMMUNITY DEV.</u>	102251500							
19. Schemes sancti- oned/committed in 1990-91	-do-	-	486.48	2135.28	285.00	285.00	319.85	
20. New Schemes	-do-	-	-	15670.00	1200.00	1200.00	2468.96	
<u>Total of</u>	<u>102251500</u>	-	<u>486.48</u>	<u>17805.28</u>	<u>1485.00</u>	<u>1485.00</u>	<u>2788.81</u>	
<u>Total of Rural Development:</u>		<u>1,165.00</u>	<u>799.48</u>	<u>19,180.78</u>	<u>1,730.00</u>	<u>1,730.00</u>	<u>3,056.81</u>	
<u>MEDIUM IRRIGATION</u>	104270100							
21. Critical ongoing schemes	-do-	86.21	74.48	20.00	20.00	20.00	-	
22. New Schemes	-do-	157.00	-	100.00	-	-	8.00	
<u>Total of</u>	<u>104270100</u>	<u>243.81</u>	<u>74.48</u>	<u>120.00</u>	<u>20.00</u>	<u>20.00</u>	<u>8.00</u>	

PARTICULARS	Code No. Major Head/ Minor Heas	Estimated cost.	Cumula- tive expdr upto end of 7th Plan	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91		Annual plan 1991-91 proposed outlay	Rem ape ily ne cos
					Appd. outlay	Anti. Expdr.		
	2	3	4	5	6	7	8	9
<u>MINOR IRRIGATION</u>	104270200							
23. Schemes sancti- oned/committed in 1990-91	-do-	-	-	1,820.00	242.00	2-2.00	269.00	
<u>FLOOD CONTROL & DRAINAGE</u>	104271100							
4. Critical on going Schemes as on 1.4.90	-do-	55.00	50.00	5.00	5.00	5.00	-	
25. Sanctioned schemes/ committed in 90-91	-do-	105.00	-	105.00	10.00	10.00	18.00	
Total of	104271100	160.00	50.00	110.00	15.00	15.00	18.00	
TOTAL OF IRRIGATION & FLOOD CONTROL		403.00	124.48	2,050.00	277.00	277.00	295.00	

PARTICULARS	Code No. Major Head/ Minor Head	Estimated cost	Cumulative expdr. upto end of 7th plan	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91 Appd. outlay	Anti. Expdr.	Annual plan 1991-92 proposed outlay	Rema sp 11 me cc
1	2	3	4	5	6	7	8	
<u>POWER</u>	105280100							
26. Critical ongoing schemes.	-do-	3396.00	1410.44	2010.00	1010.00	1010.00	930.00	
27. Schemes sanctioned/committed in 1990-91	-do-	2279.00	-	2279.00	150.00	150.00	505.00	
28. New Scheme	-do-	33038.00	-	9611.00	656.00	656.00	1124.00	
<u>TOTAL OF ENERGY</u>		<u>38,713.00</u>	<u>1,410.44</u>	<u>13,900.00</u>	<u>1,816.00</u>	<u>1,816.00</u>	<u>2,565.00</u>	
<u>INDUSTRIES & MINERALS</u>	106000000							
29. Critical ongoing schemes	-do-	5602.00	126.90	1360.00	99.60	99.60	117.60	
30. Schemes sanctioned/committed in 1990-91	-do-	399.00	1670.87	4398.00	715.40	715.40	821.00	
31. New Schemes.	-do-	40.00	-	40.00	-	-	6.00	
<u>TOTAL OF INDUSTRIES & MINERALS</u>		<u>6,041.00</u>	<u>1,797.77</u>	<u>5,798.00</u>	<u>815.00</u>	<u>815.00</u>	<u>944.60</u>	

PARTICULARS	Code No. Major Head/ Minor Head	Estimate cost	Cumula- tive expdr upto end of 7th Plan	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91		Annual plan 1991-92 proposed outlay	Ren
					Appd. outlay	Anti. Expdr.		
1	2	3	4	5	6	7	8	
<u>LAND REFORMS</u>	102250600							
17. Schemes sancti- oned/committed in 1990-91	-do-	60.00	112.00	256.00	34.30	34.30	40.50	
18. New Schemes	-do-	-	-	14.00	0.70	0.70	1.50	
<u>Total of</u>	<u>102250600</u>	<u>60.00</u>	<u>112.00</u>	<u>270.00</u>	<u>35.00</u>	<u>35.00</u>	<u>42.00</u>	

PARTICULARS	Code No. Major Head/ Minor Head	Estimated cost.	Cumula- tive expdr. upto end of 7th Plan	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91		Annual Plan 1991-92 proposed outlay	Rema- spec- lly one me- cos
					Appd. outlay	Anti. Expdr.		
1	2	3	4	5	6	7	8	
<u>COMMUNITY DEV.</u>	102251500							
19. Schemes sancti- oned/committed in 1990-91	-do-	-	486.48	2135.28	285.00	285.00	319.85	
20. New Schemes	-do-	-	-	15670.00	1200.00	1200.00	2468.96	
<u>Total of</u>	<u>102251500</u>	-	<u>486.48</u>	<u>17805.28</u>	<u>1485.00</u>	<u>1485.00</u>	<u>2788.81</u>	
<u>Total of Rural Development:</u>		<u>1,165.00</u>	<u>799.48</u>	<u>19,180.78</u>	<u>1,730.00</u>	<u>1,730.00</u>	<u>3,056.81</u>	
<u>MEDIUM IRRIGATION</u>	104270100							
21. Critical ongoing schemes	-do-	86.81	74.48	20.00	20.00	20.00	-	
22. New Schemes	-do-	157.00	-	100.00	-	-	8.00	
<u>Total of</u>	<u>104270100</u>	<u>243.81</u>	<u>74.48</u>	<u>120.00</u>	<u>20.00</u>	<u>20.00</u>	<u>8.00</u>	

PARTICULARS	Code No. Major Head/ Minor Hees	Estimated cost.	Cumula- tive expdr upto end of 7th Plan	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91		Annual plan 1991-91 proposed outlay	Rem spe illy ned cos.
					Appd. outlay	Anti. Expdr.		
	2	3	4	5	6	7	8	9
<u>MINOR IRRIGATION</u>	104270200							
23. Schemes sancti- oned/committed in 1990-91	-do-	-	-	1,820.00	242.00	2-2.00	269.00	
<u>FLOOD CONTROL & DRAINAGE</u>	104271100							
14. Critical on going Schemes as on 1.4.90	-do-	55.00	50.00	5.00	5.00	5.00	-	
25. Sanctioned schemes/ committed in 90-91	-do-	105.00	-	105.00	10.00	10.00	18.00	
Total of	104271100	160.00	50.00	110.00	15.00	15.00	18.00	
TOTAL OF IRRIGATION & FLOOD CONTROL		403.00	124.00	2,050.00	277.00	277.00	295.00	

PARTICULARS	Code No. Major Head/ Minor Head	Estimated cost	Cumula- tive expdr. upto end of 7th plan	Eight plan (1990-95) proposed outlay	Annual Plan 1990-91		Annual plan 1991-92 proposed outlay	Rema sp me cc
					Appd. outlay	Anti. Expdr.		
1	2	3	4	5	6	7	8	
<u>POWER</u>	105280100							
26. Critical ongoing schemes.	-do-	3396.00	1410.44	2010.00	1010.00	1010.00	930.00	
27. Schemes sanctioned/committed in 1990-91	-do-	2279.00	-	2279.00	150.00	150.00	505.00	
28. New Scheme	-do-	33038.00	-	9611.00	656.00	656.00	1124.00	
<u>TOTAL OF ENERGY</u>		<u>38,713.00</u>	<u>1,410.44</u>	<u>13,900.00</u>	<u>1,816.00</u>	<u>1,816.00</u>	<u>2,565.00</u>	
<u>INDUSTRIES & MINERALS</u>	106000000							
29. Critical ongoing schemes	-do-	5602.00	126.90	1360.00	90.60	99.60	117.60	
30. Schemes sanctioned/committed in 1990-91	-do-	399.00	1670.87	4398.00	715.40	715.40	821.00	
31. New Schemes.	-do-	40.00	-	40.00	-	-	6.00	
<u>TOTAL OF INDUSTRIES & MINERALS</u>		<u>6,041.00</u>	<u>1,797.77</u>	<u>5,798.00</u>	<u>815.00</u>	<u>815.00</u>	<u>944.60</u>	

PARTICULARS	Code No. Major Head/ Minor Head	Estimated cost	Cumula- tive expdr. upto end of 7 plan	Eight plan (1990-95) proposed outlay	Annual plan 1990-91		Annual plan 1991.92 propos- ed out lay	Res
					Appd. outlay	Anti. Expdr.		
1	2	3	4	5	6	7	8	
<u>ROAD & BRIDGES</u>	107305400							
32. Critical ongoing schemes.	-do-	26183.00	10186.00	7415.00	1065.00	1065.00	1275.00	
33. Schemes sanctioned/committed in 1990-91	-do-	4965.00	-	3576.00	629.00	629.00	541.00	
34. New Schemes	-do-	2244.00	-	449.00	5.00	5.00	14.00	
<u>TOTAL OF ROAD & BRIDGES</u>		<u>33392.00</u>	<u>10186.00</u>	<u>1440.00</u>	<u>1699.00</u>	<u>1699.00</u>	<u>1830.00</u>	
<u>ROAD TRANSPORT</u>	107305500							
35. Schemes sanctioned/committed in 1990-91.	-do-	<u>657.00</u>	<u>647.31</u>	<u>1220.00</u>	<u>162.00</u>	<u>162.00</u>	<u>195.00</u>	

PARTICULARS	Code No. Major Head/ Minor Head	Estimated cost	Cumula- tive Expend upto end of 7th plan	Eight plan (1990-95) proposed		Annual Plan outlay	Annual plan	Remarks
				1990-91	1991-92			
1	2	3	4	5	6	7	8	9
<u>INLAND WATER TRANS- PORT</u>	<u>107305600</u>							
36. Schemes sancti- oned/committed in 1990-91	-do-	85.00	30.08	50.00				
37. New Schemes	-do-	25.00	-	25.00				
TOTAL :		<u>110.00</u>	<u>30.08</u>	<u>75.00</u>				
<u>MOTOR VEHICLE</u>	<u>10730560</u>							
38. Schemes sancti-	-do-	-	-	80.00	8.00	8.00	12.00	
TOTAL OF TRANSPORT		<u>33,959.00</u>	<u>10,863.45</u>	<u>12,815.00</u>	<u>1,879.00</u>	<u>1,879.00</u>	<u>2,049.00</u>	
<u>SCIENCE TECHNOLOGY & & ENVIRONMENT</u>	<u>10900000</u>							
39. Schemes sancti-	-do-	-	67.00	172.00	30.00	30.00	36.00	
40. New Schemes	-do-	-	-	78.00	-	-	24.00	
TOTAL OF SCIENCE & TECHNOLOGY			<u>67.00</u>	<u>250.00</u>	<u>30.00</u>	<u>30.00</u>	<u>60.00</u>	

Tuesday 8 October 1991
 SEPTEMBER 1991
 S M T W T F S
 1 2 3 4 5 6 7
 8 9 10 11 12 13 14
 15 16 17 18 19 20 21
 22 23 24 25 26 27 28
 29 30
 NOVEMBER 1991
 S M T W T F S
 1 2 3 4 5 6 7
 8 9 10 11 12 13 14
 15 16 17 18 19 20 21
 22 23 24 25 26 27 28
 29 30

मंगलवार ८ अक्टूबर, शनिवार १६ अक्टूबर १९९१

1	2	3	4	5	6	7	8	9
<u>SECRETARIAL SERV- ICES(PLANNING)</u>	<u>110345100</u>							
41. Schemes sancti- oned/committed in 1990-91.	-do-	-	-	<u>80.00</u>	<u>8.00</u>	<u>8.00</u>	<u>12.00</u>	-
<u>TOURISM</u>	<u>110345200</u>							
42. Completed schemes as on 31.3.1990 (Spill-over-lia- bility)	-do-	39.74	50.13	3.00	3.00	3.00	-	-
43. Critical ongoing schemes	-do-	70.00	1.00	30.00	8.00	8.00	15.00	-
44. Schemes sanctio- ned/committed in 1990-91	-do-	46.40	74.31	147.85	25.70	25.70	29.50	-
45. New Schemes	-do-	15.00	-	157.00	3.30	3.30	15.00	-
<u>TOTAL OF</u>	<u>110345200</u>	<u>171.14</u>	<u>125.44</u>	<u>337.85</u>	<u>40.00</u>	<u>40.00</u>	<u>59.50</u>	-

1	2	3	4	5	6	7	8	9
<u>ECONOMICS & STATISTICS : 110345400</u>								
46. Schemes sanctioned/committed in 1990-91.			69.53	80.00	10.00	10.00	13.00	-
<u>CIVIL SUPPLIES : 110345600</u>								
47. Critical ongoing schemes		3,074.00	10.00	26.74	14.00	14.00	12.74	-
48. Schemes sanctioned/committed in 1990-91.		-	-	85.26	18.00	18.00	13.20	-
49. New Schemes.		-	-	182.50	-	-	27.00	-
<u>Total of Civil Supplies.</u>		<u>3,074.00</u>	<u>10.00</u>	<u>294.50</u>	<u>32.00</u>	<u>32.00</u>	<u>22.94</u>	-
<u>WEIGHT AND MEASURES : 110347000</u>								
50. Schemes sanctioned/committed in 1990-91.		3.90	3.90	70.00	9.00	9.00	15.00	-
<u>'B' MARA DISTRICT COUNCIL : 110347000</u>								
51. Schemes sanctioned/committed in 1990-91		556.00	-	859.20	216.67	216.67	141.10	-
<u>'C' LAI DISTRICT COUNCIL : 11034700</u>								
52. Critical ongoing schemes.		180.00	38.00	80.00	15.00	15.00	15.00	-
53. Schemes sanctioned/committed in 1990-91.		246.81	557.16	1,900.00	249.81	249.81	303.00	-
<u>TOTAL OF LAI DISTRICT COUNCIL :</u>		<u>426.81</u>	<u>595.16</u>	<u>1,980.00</u>	<u>264.81</u>	<u>264.81</u>	<u>318.00</u>	-

1	2	3	4	5	6	7	8	9
<u>'D' CHAKMA DISTRICT COUNCIL : 11034700</u>								
54. Critical ongoing schemes.		10.00	13.00	10.00	10.00	10.00	-	-
55. Schemes sanctioned/committed in 1990-91.		168.52	412.58	1259.51	158.52	156.52	200.50	-
<u>Total of Chakma District Council :</u>		<u>178.52</u>	<u>425.58</u>	<u>1269.51</u>	<u>168.52</u>	<u>166.52</u>	<u>200.50</u>	<u>-</u>
GENERAL ECONOMIC SERVICE :		4,410.37	1,229.61	5,720.06	749.00	749.00	813.04	-
<u>GENERAL EDUCATION : 221220200</u>								
56. Schemes sanctioned/committed in 1990-91.		1548.50	259.81	1071.00	663.00	663.00	800.00	-
<u>TECHNICAL EDUCATION : 221220203</u>								
57. Critical ongoing schemes. -do-		278.49	250.25	573.00	72.60	72.60	106.00	-
58. Schemes sanctioned/committed -do- in 1990-91.		227.32	170.00	275.00	55.00	55.00	67.00	-
59. New Schemes. -do-		492.00	NIL	537.00	66.40	66.40	62.00	-
<u>Total of 221220203 :-</u>		<u>997.81</u>	<u>431.40</u>	<u>1450.00</u>	<u>194.00</u>	<u>194.00</u>	<u>235.00</u>	<u>-</u>
<u>SPORTS & YOUTH SERVICES: 221220400.</u>								
60. Schemes sanctioned/committed in 1990-91.		-	221.34	650.00	90.00	90.00	106.00	-
61. New Schemes.		-	-	50.00	-	-	4.00	-
<u>Total of 221220400 :</u>		<u>-</u>	<u>221.34</u>	<u>700.00</u>	<u>90.00</u>	<u>90.00</u>	<u>110.00</u>	<u>-</u>

	1	2	3	4	5	6	7	8	9
<u>ARTS AND CULTURE :</u>		<u>221220500</u>							
62. Schemes sanctioned committed in 1990-91	- do -	166.30	147.78	478.00	70.00	70.00	78.00		
63. New Schemes	- do -	-	-	62.00	-	-	7.00		
TOTAL OF 221220500 :		166.30	147.78	540.00	70.00	70.00	85.00		
<u>MEDICAL & PUBLIC HEALTH :</u>		<u>222221000</u>							
64. Completed Schemes as on 31.3.1990 (Spill-over-liability)	- do -	249.72	244.14	22.00	22.00	22.00	-		
65. Critical ongoing Schemes	- do -	77.71	32.39	45.00	39.00	39.00	6.00		
66. Schemes sanctioned/committed in 1990-91	- do -	-	1240.95	2156.60	539.00	539.00	382.60		
67. New Schemes.	- do -	1770.00	-	1770.00	-	-	429.00		
TOTAL OF 222221000 :		2125.85	1517.48	4000.00	400.00	400.00	878.00		
<u>WATER SUPPLY & SANITATION :</u>		<u>223221500</u>							
68. Schemes aimed at maximizing Benefits from the existing capacity.	223221500	3192.14	-	3350.00	50.00	50.00	500.00		
69. Completed Schemes as on 31.3.90 (Spill-over-liability)	- do -	3009.00	2947.17	165.00	-	-	85.00		
70. Critical ongoing Schemes.	- do -	2420.27	551.93	1320.00	834.00	834.00	640.00		
71. Schemes sanctioned/committed in 1990-91	- do -	180.00	-	180.00	49.00	49.00	100.00		

1	2	3	4	5	6	7	8	9
72. New Schemes.	223221500	2823.81	-	785.00	-	-	-	-
TOTAL OF 223221500 :		11,625.22	3,499.10	6300.00	933.00	933.00	1,325.00	-
<u>HOUSING :</u>	<u>223221600</u>							
	<u>01</u>							
<u>Police Housing</u>	107							
73. Completed Schemes as on 31.3.1990 (Spill over libili- ties)		125.67	126.46	-	-	52.62	-	-
74. Schemes sanctioned/comitted in 1990-91		65.32	-	700	90	90	120	
TOTAL OF POLICE HOUSING :		188.99	126.46	700.00	90.00	142.62	120.00	
<u>GOVERNMENT HOUSING :</u>	<u>223221600</u>							
	<u>700</u>							
75. Critical ongoing Schemes	- do -	100.17	89.16	65.00	33.00	33.00	19.00	-
76. Schemes sanctioned/commit- ted in 1990-91.	- do -	465.00	NIL	465.00	43.00	43.00	61.00	-
TOTAL OF 223221600 :-		565.17	63.46	532.00	76.00	76.00	80.00	-
<u>HOUSING LAD :</u>	<u>223221602</u>							
77. Schemes sanctioned committ- ed in 1990-91	- do -	-	-	2803.00	144.00	144.00	503.30	
<u>CAPITAL EXPANSION PROJECT :</u>	<u>223221701</u>							
78. Critical on-going Schemes	- do -	285.36	41.53	250.00	43.00	43.00	196.00	NIL
79. Schemes sanctioned comitted in 1990-91.	- do -	600.00	-	602.00	112.00	112.00	50.00	-
80. New Schemes.	- do -	550.00	-	265.00	-	-	30.00	-

	1	2	3	4	5	6	7	8	9
TOTAL OF 223221701 :-	-	-	1,435.36	41.53	1,117.00	155.00	155.00	176.00	-
URBAN DEVELOPMENT : <u>223221703</u>									
(Town Planning)			<u>04</u>						
			<u>05</u>						
81. Schemes sanctioned/committed in 1990-91	-- do --		50.20	10.40	25.40	49.00	49.00	-	-
82. New Schemes	- do -		109.90	-	396.00	-	-	73.70	-
TOTAL OF 223221703)			160.10	10.40	421.40	49.00	49.00	73.70	-
OTHER URBAN DEVELOPMENT (LAD): <u>223221705</u>									
83. Schemes sanctioned/committed in 1990-91.	-- do --		-	258.47	1,094.91	96.00	96.00	263.83	-
84. New Schemes.	- do -		104.67	-	201.47	-	-	66.59	-
TOTAL OF OTHER URBAN DEVELOPMENT :			104.67	258.47	1,306.51	96.00	96.00	332.42	-
INFORMATION & PUBLICITY : <u>224222000</u>									
85. Critical ongoing Schemes (Constn. of building & quarters)	224222000		8.50	-	125.00	10.70	10.70	22.00	-
86. Schemes sanctioned/committed in 1990-91.	224222000		-	-	255.00	39.30	39.30	38.00	-
TOTAL OF 224222000 :			8.50	-	380.00	50.00	50.00	60.00	-
LABOUR & EMPLOYMENT : <u>226223000</u>									
87. Critical ongoing Schemes	- do -		78.46	77.70	146.45	12.00	12.00	9.63	-
88. Schemes sanctioned committed in 1990-91.	- do -		-	-	-	13.00	13.00	9.65	-

IV. DRAFT EIGHT PLAN (1990-95) AND ANNUAL PLANS 1990-91 AND 1991-92
OUTLAYS BY HEADS OF DEVELOPMENT : MIZORAM

(Rs. Lakhs)

Sl. No. of Development.	8th Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92		Allocation for Dist. Plans			
	proposed outlay.	of which capital content.	Appvd. outlay	Budgeted outlay	of which capital content	Proposed outlay	of which capital content.	Eight plan	1990-1991	1991-1992	
1	2	3	4	5	6	7	8	9	10	11	12
<u>1010000 00 1. AGRICULTURE & ALLIED ACTIVITIES:</u>	<u>14,909.00</u>	<u>4,548.23</u>	<u>1,847.00</u>	<u>1,847.00</u>	<u>680.79</u>	<u>2,326.00</u>	<u>839.57</u>	<u>1,994.34</u>	<u>598.04</u>	<u>771.32</u>	
1012401 00 Crop Husbandry.	4,135.00	495.15	485.00	485.00	108.80	634.00	113.50	1,296.70	128.50	193.00	
001 Direction & Administration	375.00	105.00	40.00	40.00	32.00	74.00	52.00	83.00	27.00	50.00	
002 Foodgrain crops	1,606.00	215.00	200.00	200.00	41.00	220.00	15.00	500.00	56.00	70.00	
104 Agril. farms & Seed Prodn.	90.00	44.50	21.00	21.00	20.00	24.00	20.00	57.50	3.00	10.00	
105 Manures & Fertiliser	200.00	-	34.00	34.00	-	36.00	-	-	-	-	
Agril. Chemicals & Lab.	30.00	5.00	5.00	5.00	1.30	8.00	3.30	-	-	-	
107 Plant Protection	90.00	6.50	15.00	15.00	2.50	18.00	3.30	10.00	3.00	3.00	
108 Commercial crops	80.00	-	15.00	15.00	-	16.00	-	20.00	2.00	5.00	
109 Extension & Training	160.00	41.90	28.00	28.00	4.20	30.00	7.30	20.00	2.50	3.00	
112 Pulses development	50.00	-	9.00	9.00	-	10.00	-	10.00	2.00	2.50	
114 Oil Seeds Development	60.00	-	10.00	10.00	-	12.00	-	10.00	2.00	2.00	
113 Agri. Engineering	225.00	40.00	30.00	30.00	5.00	45.00	8.00	-	-	-	
115 Small & Marginal farmers.	350.00	-	-	-	-	50.00	-	100.00	-	15.00	
119 Horticulture & Vegetable Dev.	380.00	23.25	54.00	54.00	-	60.00	2.50	155.00	10.00	15.00	
110 Crop Insurance	4.00	-	-	-	-	1.00	-	4.00	-	1.00	
101 Other Expenditure	435.00	14.00	23.00	23.00	2.80	30.00	2.10	70.00	6.00	5.00	

Contd...2/-

IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlay by Heads of Development-States/Union Territories.

Sl. No.	Major Head/Minor Head of Development.	(Rs. Lakhs)										
		Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92		Allocation for Dist. Plans.			
		Proposed Outlay	of which capital content.	Appvd. outlay.	Budget- ted outlay.	of which capital content.	Propo- sed outlay	of which capital content.	Eight Plan. 1990-	1991-	1991-	
1	2	3	4	5	6	7	8	9	10	11	12	
1012402 00	Soil & Water Con- servation.	1,883.40	1,883.40	253.85	253.85	253.85	301.50	301.50	1,472.10	195.65	242.80	
001	Direction & Administra- tion.	528.65	528.65	74.40	74.40	74.40	67.20	67.20	249.65	36.00	50.00	
101	Soil Survey & Testing	55.25	55.25	15.40	15.40	15.40	7.40	7.10	55.25	15.40	7.10	
102	Soil Conservation	657.80	657.80	83.75	83.75	83.75	115.00	115.00	657.80	83.75	115.00	
103	Land Reclamation & Dev.	162.90	162.90	18.00	18.00	18.00	25.10	25.10	162.90	18.00	25.10	
109	Extension & Training	132.30	132.30	19.80	19.80	19.80	21.50	21.50	-	-	-	
000	Other Expenditure	346.50	346.50	42.50	42.50	42.50	65.60	65.60	346.50	42.50	65.60	
1012403 00	Animal Husbandry.	2,559.68	1,089.08	252.00	252.00	155.94	360.00	205.57	279.44	32.23	35.22	
001	Direction & Admn.	294.00	181.50	20.00	20.00	8.65	57.55	28.00	40.00	1.00	-	
	Vety Educations	62.60	13.30	18.00	18.00	7.30	16.00	6.00	45.00	-	-	
101	Hospital & Dispensary	406.19	255.36	29.00	29.00	21.40	64.83	44.75	45.00	3.35	3.25	
103	Information & Statistics.	38.44	13.94	5.00	5.00	4.67	8.42	4.40	-	-	-	
102	Cattle development.	321.71	158.00	28.00	28.00	14.00	22.00	4.55	48.08	11.35	6.71	
105	Poultry development.	305.47	91.51	47.60	47.60	36.47	41.28	9.88	62.55	7.99	5.56	
105	Piggery development.	272.75	126.56	26.00	26.00	18.60	16.34	1.95	58.33	6.54	2.69	
106	Other Livestocks dev.	11.29	8.89	2.00	2.00	2.00	2.00	1.55	-	-	-	
007	Feed & Fodder Dev.	145.02	58.32	30.00	30.00	19.85	39.15	25.34	5.58	1.00	1.41	
	Other expenditure.	129.25	40.10	12.00	12.00	11.00	53.75	33.90	4.50	1.00	0.50	

IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92

Outlays by Heads of Development - States/Union Territories.

(Rs. Lakhs)

Sl. No.	Major Head/Minor Head of Development	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92.		Allocation for Dist. Plans.		
		Proposed Outlay	of which capital content	Apprd. outlay	Budgeted outlay.	of which capital content.	Proposed outlay	of which capital content.	Eight Plan. 1990-91.	1991-92.	1991-92.
1	2	3	4	5	6	7	8	9	10	11	12
Centrally Sponsored Schemes.											
1012434 00 Dairy Development											
101	Dairy & Milk Supply.	63.70	48.70	12.00	12.00	12.00	36.00	32.00	15.10	-	15.10
102	Operations Flood Prone Areas	189.00	-	-	-	-	-	-	-	-	-
	Operations Rinderpest Zero	170.73	-	-	-	-	-	-	-	-	-
101	2405 00 Fisheries	353.00	135.50	39.00	39.00	21.45	50.00	22.00	307.50	38.02	43.40
001	Directions & Admn.	65.00	-	1.40	1.40	-	6.00	-	37.00	0.65	4.00
101	Inland fisheries	219.00	87.50	21.95	21.95	11.55	34.10	16.00	219.00	21.95	34.00
109	Extension & Training	16.00	-	0.95	0.95	-	1.90	-	11.50	0.72	1.30
800	Other Expenditure	50.00	48.00	14.70	14.70	9.90	8.00	6.00	40.00	14.70	4.00
102	2406 00: Forestry & Wildlife	4,530.00	160.00	600.00	600.00 600.00	30.00 30.00	720.00	450.00	806.00	61.50	81.00
001	Direction & Administration.	455.00	-	60.00	60.00	-	72.00	-	45.00	6.00	7.20
005	Survey & utilisation of Forest Resources.	51.00	-	6.00	6.00	-	8.00	-	5.00	-	-
013	Statistics.	183.00	-	22.00	22.00	-	30.00	-	15.00	1.00	1.50
070	Communication & Buildings	565.00	160.00	76.00	78.00	30.00	100.00	-	60.00	5.00	8.50
190	Asst. to Public & Other undertakings.	19.00	-	2.00	2.00	-	2.00	-	-	-	-
101	Forest conservation & dev.	367.00	-	52.00	52.00	-	60.00	-	75.00	5.00	6.00
102	Social & Farm forestry.	705.00	-	100.00	100.00	-	115.00	-	150.00	10.00	12.00

IV. Draft Eight Plan(1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development-States/Union Territories.

(Rs. Lakhs)											
Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92		Allocation for Dist., Plans.		
		Proposed Outlay	of which capital content.	Appvd. outlay	Budgeted outlay	of which capital content.	Proposed outlay	of which capital content.	Eight Plan.	1990-91.	1991-92.
1	2	3	4	5	6	7	8	9	10	11	12
105	Forest Produce.	51.00	-	6.50	6.50	-	6.00	-	5.00	0.50	0.80
109	Extension & Training.	152.00	-	19.50	19.50	-	25.00	-	10.00	0.50	1.00
800	Other Expenditure	53.00	-	4.00	4.00	-	5.00	-	6.00	0.50	0.50
	<u>02</u>										
110	wildlife preservation	255.00	-	30.00	30.00	-	40.00	-	80.00	8.00	12.50
112	Public gardens	26.00	-	-	-	-	5.00	-	5.00	-	1.00
03	Wasteland Development.	1,640.00	-	220.00	220.00	-	250.00	-	350.00	25.00	30.00
1 01	<u>2407 00: Plantation (Soil conservation).</u>	<u>316.60</u>	<u>316.60</u>	<u>46.15</u>	<u>46.15</u>	<u>46.15</u>	<u>58.50</u>	<u>58.50</u>	<u>316.60</u>	<u>45.12</u>	<u>58.90</u>
004	Research & Development of:										
	a) Tea	52.20	52.20	7.90	7.90	7.90	12.30	12.30	52.20	7.90	12.30
	b) Coffee	80.90	70.90	12.40	12.40	12.40	18.00	18.00	80.90	12.40	18.40
	c) Rubber	34.00	34.00	3.70	3.70	3.70	5.50	5.50	34.00	3.70	5.50
	d) Cardamom	23.00	23.00	2.00	2.00	2.00	3.50	3.50	23.00	2.00	3.50
	e) Others	126.50	126.50	20.25	20.25	20.25	19.20	19.20	126.50	19.12	19.20
1 01	<u>2415 00: Agri. Research & Education.</u>	<u>60.00</u>	<u>3.50</u>	<u>10.00</u>	<u>10.00</u>	<u>2.00</u>	<u>12.00</u>	-	-	-	-
1 01	<u>2416 00: Agriculture Marketing.</u>	<u>155.00</u>	<u>85.00</u>	<u>35.00</u>	<u>35.00</u>	<u>23.00</u>	<u>40.00</u>	<u>27.00</u>	<u>115.00</u>	<u>26.00</u>	<u>32.00</u>

IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development-States/Union Territories.

(Rs. Lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92.		Allocation for Dist. Plans.			
		Proposed Outlay.	of which capital content.	Appvd. Budget outlay.	Budget outlay.	of which capital content.	Proposed outlay.	of which capital content.	Eight Plan. 1990-91	1991-92.		
1	2	3	4	5	6	7	8	9	10	11	12	
101	2425 00: Co-operation.	950.00	380.00	126.00	126.00	39.60	150.00	61.50	601.00	73.00	73.00	85.00
101	Direction & Admn.	182.00	63.00	20.50	20.50	-	44.50	24.00	75.00	6.92	15.00	
103	Training	4.00	-	-	-	-	3.00	-	-	-	-	
106	Asst. to Rupal Co-op.	100.00	30.00	13.00	13.00	6.00	17.00	6.00	100.00	13.00	17.00	
107	Asst. to Credit Co-op.	120.00	54.00	11.00	11.00	5.50	11.00	3.00	25.00	5.00	15.00	
108	Asst. to other Co-op.	-	-	-	-	-	-	-	-	-	-	
	a) Co-op processing	100.00	75.00	5.00	5.00	2.00	5.00	3.00	100.00	5.00	15.00	
	b) Co-op storage.	15.00	-	3.00	3.00	-	3.00	-	15.00	3.00	3.00	
	c) Consumer Co-op.	90.00	10.00	27.00	27.00	3.00	20.00	2.00	20.00	3.00	3.00	
109	Agri. credit stabilise fund	2.00	-	0.40	0.40	-	0.40	-	-	-	-	
177	Education.	51.00	-	5.00	5.00	-	5.00	-	-	-	-	
300	Other Expenditure.	286.00	148.00	41.00	41.00	23.10	41.10	23.50	266.00	37.10	37.00	
102	0000 00 II. RURAL DEV.	18,861.00	4,357.28	1,710.00	1,710.00	1503.00	2,999.96	2,819.46	4,513.55	476.00	748.28	
200	<u>I.R.D.P (Main Prog.)</u>											
201	Direction SLMD & IAC	22.50	22.50	5.50	5.50	5.50	4.50	4.50	-	-	-	
201	Subsidy to DRDA	550.00	550.00	107.13	107.13	107.10	110.00	110.00	550.00	107.13	110.00	
203	Allied Prog. of IRDP	-	-	-	-	-	-	-	-	-	-	
201	Strengthening of Block Administration.	140.00	140.00	28.00	28.00	28.00	28.00	28.00	140.00	28.00	28.00	
202	DWCRA	30.00	30.00	5.10	5.10	5.10	5.00	5.00	-	-	-	

IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development - States/Union Territories.

(Rs. Lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91		Annual Plan 1991-92.		Allocation, for District Plans.			
		Proposed- Outlay	of which capital content.	Appvd. outlay.	Budget- of which capital content.	Proposed- outlay	of which capital content.	Eight. Plan 1990-	1991-	1991-92.	
1	2	3	4	5	6	7	8	9	10	11	12
052	Machinery & Equipment	40.00	-	5.00	5.00	-	15.00	-	-	5.00	15.00
799	Suspenses	-	-	-	-	-	-	-	-	-	-
800	Other expenditure (Works)	230.00	230.00	30.00	30.00	30.00	27.00	27.00	230.00	30.00	27.00
104	<u>2702 00 Minor Irrigation</u>	<u>1,821.00</u>	<u>1,362.00</u>	<u>242.00</u>	<u>242.00</u>	<u>178.00</u>	<u>290.00</u>	<u>209.00</u>	<u>1320.00</u>	<u>164.50</u>	<u>199.00</u>
	01. Surface Water										
101	Individual Water Tank	120.00	38.00	10.00	10.00	2.50	20.00	5.00	120.00	10.00	20.00
102	Lift Irrigation	145.00	135.00	15.50	15.50	14.60	25.00	23.00	85.00	9.50	14.50
103	Diversion Scheme	1,000.00	805.00	142.50	142.50	113.00	160.00	125.00	895.00	117.50	133.50
104	Ayacut development	150.00	130.00	13.00	13.00	11.00	15.00	13.00	135.00	11.50	14.00
100	Other expenditure	30.00	30.00	4.00	4.00	4.00	6.00	6.00			
80	<u>General</u>										
101	Direction & Administration	249.00	139.00	29.00	29.00	13.00	33.00	27.00	145.00	16.00	17.00
102	Machinery & Equipment	86.00	86.00	20.00	20.00	20.00	23.00	23.00			
102	<u>Ground Water development</u>	<u>40.00</u>		<u>8.00</u>	<u>8.00</u>		<u>8.00</u>				
105	<u>0000 00 ENERGY</u>										
105	<u>2801 00 Power</u>	<u>13,900.00</u>	<u>11,772.00</u>	<u>1,836.00</u>	<u>1,836.00</u>	<u>1,516.00</u>	<u>2566.00</u>	<u>2166.50</u>	<u>9960.00</u>	<u>1262.00</u>	<u>1026.00</u>

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IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development - States/Union Territories.

(Rs. Lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92.		Allocation for Dist. Plans.		
		Proposed Outlay.	of which capital content.	Appvd. outlay	Budgeted outlay.	of which capital content.	Proposed outlay.	of which capital content	Eight Plan	1990-1991-91	91
1	2	3	4	5	6	7	8	9	10	11	12
<u>01</u>	<u>Hydel Generation</u>	<u>3,341.00</u>	<u>2,843.00</u>	<u>300.00</u>	<u>300.00</u>	<u>259.00</u>	<u>521.00</u>	<u>442.00</u>	<u>2843.00</u>	<u>259.00</u>	<u>442.00</u>
001	Direction & Administration	498.00	-	41.00	41.00	-	79.00	-	-	-	-
052	Machinery & Equipment	1,512.00	1,512.00	91.00	91.00	91.00	151.00	151.00	1512.00	91.00	151.00
800	Other expenditure	1,331.00	1,331.00	168.00	168.00	168.00	291.00	291.00	1331.00	168.00	291.00
<u>04</u>	<u>Diesel/Gas Generations</u>	<u>1,500.00</u>	<u>1,290.00</u>	-	-	-	-	-	<u>1290.00</u>	-	-
001	Direction & Admn.	210.00	-	-	-	-	-	-	-	-	-
052	Machinery & Equipment	570.00	570.00	-	-	-	-	-	570.00	-	-
800	Other expenditure	720.00	720.00	-	-	-	-	-	720.00	-	-
<u>05</u>	<u>Transmission</u>	<u>3,871.00</u>	<u>3,228.00</u>	<u>680.00</u>	<u>680.00</u>	<u>527.00</u>	<u>941.00</u>	<u>801.00</u>	<u>2485.00</u>	<u>496.00</u>	<u>779.00</u>
001	Direction & Administration	573.00	-	153.00	153.00	-	140.00	-	-	-	-
052	Machinery & Equipment	2,202.00	2,202.00	287.00	287.00	287.00	488.00	488.00	1746.00	262.00	473.00
800	Other expenditure	1,026.00	1,026.00	240.00	240.00	240.00	313.00	313.00	739.00	243.00	306.00
<u>05</u>	<u>Distribution</u>	<u>1,980.00</u>	<u>1,672.00</u>	<u>39.00</u>	<u>390.00</u>	<u>304.00</u>	<u>430.00</u>	<u>366.00</u>	<u>603.00</u>	<u>81.00</u>	<u>148.00</u>
001	Direction & Administration	306.00	-	86.00	86.00	-	64.00	-	-	-	-
052	Machinery & Equipment	1,337.00	1,337.00	102.00	182.00	182.00	227.00	227.00	362.00	48.00	89.00
800	Other expenditure	635.00	635.00	122.00	122.00	122.00	139.00	139.00	241.00	33.00	59.00

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IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development - States/Union Territories.

Sl. No.	Major Head/Minor Head of Development.	(Rs. Lakhs)									
		Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92		Allocation for		
		Proposed Outlay	of which capital content.	Appvd. outlay	Budgeted outlay	of which capital content.	Proposed outlay.	of which capital content.	Eight Plan 1990-92.	1991-92.	1991-92.
1	2	3	4	5	6	7	8	9	10	11	12
06	<u>Rural Electrification</u>	<u>2,744.00</u>	<u>2,333.00</u>	<u>400.00</u>	<u>400.00</u>	<u>400.00</u>	<u>560.00</u>	<u>476.00</u>	<u>2333.00</u>	<u>400.00</u>	<u>476.00</u>
001	Direction & Admn.	411.00	-	-	-	-	84.00	-	-	-	-
052	Machinery & Equipment	1,646.00	1,646.00	300.00	300.00	300.00	336.00	336.00	1646.00	300.00	336.00
800	Other expenditure	687.00	687.00	100.00	100.00	100.00	140.00	140.00	687.00	100.00	140.00
80	<u>General</u>	<u>364.00</u>	<u>255.00</u>	<u>40.00</u>	<u>40.00</u>	-	<u>80.00</u>	<u>51.00</u>	<u>255.00</u>	-	<u>51.00</u>
	Survey & Investigation	64.00	-	15.00	15.00	-	20.00	-	-	-	-
800	Other expdr.including IREP, constn. of buildings.	300.00	255.00	25.00	25.00	-	60.00	51.00	255.00	-	51.00
1 05	<u>2810 00 Non-Conventional Sources of Energy</u>	<u>170.00</u>	<u>151.00</u>	<u>26.00</u>	<u>26.00</u>	<u>26.00</u>	<u>34.00</u>	<u>30.50</u>	<u>151.00</u>	<u>26.00</u>	<u>30.50</u>
01	Biogas	5.00	5.00	0.70	0.70	0.70	1.00	1.00	5.00	0.70	1.00
02	Solar	104.00	104.00	15.00	15.00	15.00	22.00	22.00	104.00	15.00	22.00
03	Wind	5.00	5.00	5.00	5.00	5.00	-	-	5.00	5.00	-
001	Direction & Administration	19.00	-	-	-	-	3.50	-	-	-	-
06	Other sources of Energy	37.00	37.00	5.30	5.30	5.30	7.50	7.50	37.00	5.30	7.50
VI 1 06	<u>0000 00 INDUSTRY & MINERAL</u>	<u>6,120.00</u>	<u>2,695.00</u>	<u>815.00</u>	<u>815.00</u>	<u>411.00</u>	<u>978.00</u>	<u>474.00</u>	<u>247.16</u>	<u>46.39</u>	<u>61.14</u>
1 06	<u>2851 00 Village & Small Industries</u>	<u>4,720.00</u>	<u>2,625.00</u>	<u>625.00</u>	<u>625.00</u>	<u>381.00</u>	<u>750.00</u>	<u>444.00</u>	<u>147.16</u>	<u>24.39</u>	<u>27.14</u>
001	Direction & Administration	135.00	18.00	35.00	35.00	18.00	25.00	-	-	-	-

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IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development- States/Union Territories.

(Rs. Lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91		Annual Plan 1991-92		Allocation for District Plans.			
		Proposed outlay	of which capital content.	Appvd. Budget outlay.	of which capital content.	Proposed outlay.	of which capital content.	Eight Plan	1990-91.	1991-92.	
003	Training	20.00	-	4.00	4.00	-	4.00	-	5.00	1.00	1.00
004	Research & Development	10.00	-	2.00	2.00	-	2.00	-	-	-	-
101	Industrial Estate	600.00	600.00	110.00	110.00	110.00	125.00	125.00	-	-	-
102	S.S.I.	1,161.00	95.00	174.00	174.00	111.00	201.00	125.00	102.00	16.00	18.00
103	Handloom Industries	757.00	410.00	149.00	149.00	82.00	152.00	81.00	25.20	5.04	5.04
104	Handicraft Industries	80.00	-	16.00	16.00	-	16.00	-	5.71	1.10	1.10
105	K.V.I.	414.00	-	65.00	65.00	-	103.00	-	-	-	-
110	Composite Village & Small Industries Co-Operative	41.00	-	5.00	5.00	-	9.00	-	9.25	1.25	2.00
<u>1 06 2852</u>	<u>00 Industry (other than VSI)</u>	<u>1,502.00</u>	<u>1,502.00</u>	<u>65.00</u>	<u>65.00</u>	<u>60.00</u>	<u>113.00</u>	<u>113.00</u>	-	-	-
<u>1 06 2853</u>	<u>00 Mining & Minerals</u>	<u>350.00</u>	-	<u>50.00</u>	<u>50.00</u>	-	<u>60.00</u>	-	-	-	-
001	Direction & Admn.	179.35	-	20.00	20.00	-	33.10	-	-	-	-
101	Survey & Mapping	30.00	-	5.00	5.00	-	4.50	-	-	-	-
	Mineral Exploration	111.10	-	20.00	20.00	-	17.10	-	-	-	-
800	Other expenditure	29.55	-	5.00	5.00	-	5.30	-	-	-	-
	Sericulture Industries	1,050.00	70.00	140.00	140.00	30.00	168.00	30.00	100.00	22.00	34.00

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IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development - States/Union Territories. (Rs. Lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91		Annual Plan 1991-92		Allocation for Dist. Plans.			
		Proposed Outlay	of which capital content	Appvd. outlay	Budgeted outlay.	Proposed Outlay.	of which capital content.	Eight Plan 1990-91.	1991-92.		
1	2	3	4	5	6	7	8	9	10	11	12
<u>107 0000 00</u>											
VII.	<u>TRANSPORT</u>	14,300.00	13,415.00	1,379.00	1,379.00	1,009.00	3,447.10	2,140.00	2,201.00	333.50	405.00
107 3051	00 Posts & Light houses	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
107 3052	00 Shipping	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
107 3053	00 Civil Aviation	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
107 3054	00 Roads & Bridges	13,000.00	12,330.00	1,699.00	1,699.00	1,572.00	2,340.00	1,955.00	1,290.00	130.00	200.00
<u>00 General</u>											
001	- Direction & Administration	620.00	-	22.00	22.00	-	50.00	-	-	-	-
004	- Research & Development.	50.00	-	5.00	5.00	-	5.00	-	-	-	-
052	- Machinery & Equipment	670.00	670.00	75.00	75.00	75.00	100.00	100.00	-	-	-
000	- Other Expenditure	220.00	220.00	20.00	20.00	20.00	25.00	25.00	-	-	-
<u>04 District & Other road</u>											
	M.N.P. (Rural Roads)	6,595.00	6,595.00	662.00	662.00	662.00	825.00	825.00	1,290.00	130.00	200.00
000	- Other than M.N.P.	4,210.00	4,210.00	745.00	745.00	745.00	920.00	920.00	-	-	-
	Bridges (MNF)	635.00	635.00	170.00	170.00	170.00	85.00	85.00	-	-	-
107 305500	<u>Road Transport</u>	1,220.00	966.00	162.00	162.00	125.00	195.00	177.00	346.00	155.50	103.00
050	- Land & Buildings	599.50	441.00	50.50	50.50	25.00	101.00	97.00	236.00	13.00	-
001	- Direction & Administration	00.50	-	1.50	1.50	-	12.00	-	90.50	1.50	21.00
003	- Training	10.00	-	2.00	2.00	-	2.00	-	10.00	1.50	2.00

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IV. Draft Eight Plan(1990-95) and Annual Plans 1990-91 and 1991-92 (Rs.Lakhs)
Outlays by Heads of Development -States/Union Territories.

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91		Annual Plan 1991-92.		Allocation for Dist.Plans			
		Proposed Outlay	of which capital content.	Appvd. outlay	Budget- ted outlay.	of which capital content	Proposed- of which capital content.	Eight 1990-91.	1991-92.	1991-92.	
1	2	3	4	5	6	7	8	9	10	11	12
	304 - Research										
	193 - Asst. to Public Sector, etc.	5.00	-	-	-	-	-	-	-	-	-
	300 - Other Expenditure										
	(a) Purchase of Bus	510.00	510.00	100.00	100.00	100.00	00.00	00.00	510.00	100.00	00.00
	(b) Purchase of Recovery Van	15.00	15.00	-	-	-	-	-	-	-	-
107	3056 00 <u>Inland Water Transport</u>	<u>30.00</u>	<u>75.00</u>	<u>10.00</u>	<u>10.00</u>	<u>6.00</u>	<u>12.00</u>	<u>11.00</u>	<u>00.00</u>	<u>10.00</u>	<u>12.00</u>
	301 - Direction & Administration	-	-	-	-	-	-	-	-	-	-
	300 - Other Expenditure	30.00	75.00	10.00	10.00	6.00	12.00	11.00	00.00	10.00	12.00
	303 - <u>Others (Motor Vehicles)</u>	<u>00.00</u>	<u>44.00</u>	<u>0.00</u>	<u>0.00</u>	<u>6.00</u>	<u>12.00</u>	<u>5.00</u>	<u>65.00</u>	<u>0.00</u>	<u>10.00</u>
	301 - Direction & Administration	15.00	-	-	-	-	1.60	-	-	-	-
	300 - Other Expenditure	65.00	44.00	0.00	0.00	6.00	10.40	5.00	65.00	0.00	10.00
108	3038 00 <u>VIII COMMUNICATION</u>	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
109	3000 00 <u>IX SCIENCE, TECH & ENVIRONMENT</u>	<u>250.00</u>	-	<u>30.00</u>	<u>30.00</u>	-	<u>00.00</u>	-	<u>1.00</u>	-	<u>1.00</u>
	(a) Science & Technology	233.00	-	25.00	25.00	-	56.00	-	1.00	-	1.00
	(b) Ecology & Environment	17.00	-	5.00	5.00	-	4.00	-	-	-	-
110	3033 00 <u>X GENERAL ECONOMIC SERVICES</u>	<u>5640.00</u>	<u>1872.33</u>	<u>749.00</u>	<u>749.00</u>	<u>37.55</u>	<u>915.00</u>	<u>326.62</u>	<u>546.87</u>	<u>696.87</u>	<u>817.35</u>
		700.00	252.00				133.00	56.20	256.87	46.97	35.35
110	3451 00 <u>SECTT. ECONOMIC SERVICES (PLANNING)</u>	<u>30.00</u>	-	<u>0.00</u>	<u>0.00</u>	-	<u>12.00</u>	m -	<u>40.00</u>	<u>3.00</u>	<u>5.75</u>

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IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92

Outlays by Heads of Development - States, Union Territories. (Rs. Lakhs)

Sl. No.	Major Head/Minor Head of Development	Eight Plan (1990-95)		Annual Plan 1990-91		Annual Plan 1991-92		Allocation for Dist. Plans.			
		Proposed outlay	of which capital content.	Appvd. Budget outlay	of which capital content.	Proposed Outlay.	of which capital content.	Eight 1990-91 Plan.	1991-92.		
1	2	3	4	5	6	7	8	9	10	11	12
	101 - Planning Board	40.00	-	5.00	15.00	-	6.25	-	-	-	-
	102 - District Planning Machinery.	40.00	-	3.00	3.00	-	5.75	-	40.00	3.00	5.75
<u>110</u>	<u>3452 00 TOURISM</u>	<u>500.00</u>	<u>164.00</u>	<u>40.00</u>	<u>40.00</u>	<u>20.00</u>	<u>50.00</u>	<u>31.00</u>	-	-	-
	101 - Tourist Centre	70.00	70.00	0.90	3.90	5.00	15.00	12.00	20.00	-	-
	102 - Tourist Accommodation	139.00	94.00	22.15	22.15	15.00	19.00	19.00	39.00	4.00	5.00
	103 - Tourist Transport Services.	16.00	-	-	-	-	5.00	-	-	-	-
	000 - Other Expenditure	67.00	-	0.95	3.95	-	11.00	-	-	-	-
<u>110</u>	<u>3454 00 SURVEY & STATISTICS</u>	<u>50.00</u>	-	<u>10.00</u>	<u>13.00</u>	-	<u>13.00</u>	-	<u>22.00</u>	<u>4.60</u>	<u>4.60</u>
	111 - Vital Statistics	12.00	-	1.40	1.40	-	2.00	-	-	-	-
	112 - Economic Advice & Statistics.	65.00	-	0.10	0.10	-	10.50	-	22.00	4.60	4.60
	200 - Computer Services.	3.00	-	0.50	0.50	-	0.50	-	-	-	-
<u>110</u>	<u>3476 00 CIVIL SUPPLIES</u>	<u>250.00</u>	<u>114.74</u>	<u>32.00</u>	<u>32.00</u>	<u>14.00</u>	<u>45.00</u>	<u>20.74</u>	<u>194.07</u>	<u>12.37</u>	<u>25.00</u>
	001 - Direction & Admn.	30.56	-	11.30	11.30	-	5.25	-	20.17	5.67	2.90
	100 - Asst. to Public Sec-tors, etc.	-	-	-	-	-	-	-	-	-	-
	000 - Other Expenditure	211.44	114.74	20.70	20.70	14.00	39.74	20.74	174.70	6.70	22.10

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IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development- States/Union Territories.

(Rs. lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)			Annual plan 1990-91			Annual Plan 1991-92.		Allocation for Dist. Plans.	
		Proposed Outlay	- of which capital content.	of which capital content.	Appvd. outlay	Budget- ted outlay.	of which capital content.	Propo- sed outlay	of which capital content.	Eight Plan 1990- 91.	1991- 92.
1	2	3	4	5	6	7	8	9	10	11	12
110 3470 00 OTHER GENERAL ECONOMIC SERVICES											
	(a) <u>Weights - Measures</u>	<u>70.00</u>	<u>14.00</u>	<u>9.00</u>	<u>9.00</u>	<u>3.50</u>	<u>13.00</u>	<u>4.50</u>	-	-	-
	(b) <u>District Councils</u>	4,860.00	1,599.59	650.00	650.00	215.00	702.00	267.30	4,860.00	650.00	702.00
	<u> Lai Dist. Council</u>	1,900.00	397.92	264.01	264.01	55.10	310.00	60.40	1,900.00	264.01	310.00
	<u> Mara Dist. Council</u>	1,670.00	730.61	216.67	216.67	90.02	260.00	115.35	1,620.00	216.67	260.00
	<u> Zhakma Dist. Council</u>	1,260.00	463.06	160.52	160.52	69.91	204.00	91.55	1,260.00	160.52	204.00
	300 0000 00 XI SOCIAL SERVICES	20,994.91	14,710.75	3107.00	3187.00	2396.10	5,008.62	2,052.62	13,832.21	1023.33	2,570.30
	221 0500 00 EDUCATION										
	221 2002 00 ELEMENTARY EDUCATION	2,320.00	-	317.00	317.00	-	450.00	-	2,243.90	254.70	374.40
	00 - <u>Direction & Admn.</u>	-	-	1.00	1.00	-	-	-	-	-	-
	10 - <u>Govt. Primary Schools</u>	1,060.10	-	143.00	143.00	-	107.00	-	742.00	114.40	149.60
	103 - <u>Asst. to Local bodies for Primary Education.</u>	543.00	-	85.70	85.70	-	96.04	-	400.00	77.10	77.40
	104 - <u>Inspection</u>	213.90	-	8.50	8.50	-	33.00	-	213.90	-	33.00
	000 - <u>Other Expenditure</u>	1,002.50	-	70.00	70.00	-	143.16	-	300.00	63.20	114.40
	00 - SECONDARY EDUCATION	900.00	-	94.00	94.00	-	140.00	-	608.00	69.12	92.96
	101 - <u>Inspection</u>	112.50	-	5.00	5.00	-	20.40	-	-	-	-
	109 - <u>Govt. Secondary Schools</u>	84.20	-	10.40	10.40	-	9.60	-	51.00	6.24	5.76
	119 - <u>Asst. to own Govt. School</u>	697.00	-	78.60	78.90	-	109.10	-	557.00	60.00	37.20

Contd...

IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development - States/Union Territories.

(Rs. Lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95) Proposed Outlay	of which capital content.	Annual Plan 1990-91 Appvd. outlay	Budget of which capital content.	Annual Plan 1991-92 Proposed Outlay	of which capital content.	Allocation for Dist. Plans.	Eight 1990-91.	1991-92.	
1	2	3	4	5	6	7	8	9	10	11	12
	800 - Other Expenditure	5.50	-	-	-	3.90	-	-	-	-	-
03	<u>UNIVERSITY & HIGHER EDUCATION</u>	<u>1,160.00</u>	<u>225.00</u>	<u>134.00</u>	<u>96.00</u>	<u>28.00</u>	<u>160.00</u>	<u>40.00</u>	<u>600.00</u>	<u>62.60</u>	<u>76.00</u>
001	- Direction & Admins.	160.00	80.00	20.00	10.00	10.00	25.00	10.00	-	-	-
002	- Asst. to University	50.00	5.00	25.10	4.00	-	5.00	-	-	-	-
103	- Govt. Colleges & Institution.	540.00	210.00	35.90	20.00	18.00	57.50	35.00	300.00	24.00	36.00
104	- Asst. to Non-Govt. College	347.00	-	39.00	46.00	-	50.50	-	300.00	36.60	40.00
107	- Scholarship	53.00	-	14.00	14.00	-	22.00	-	-	-	-
04	<u>ADULT EDUCATION</u>	<u>130.00</u>	-	<u>68.00</u>	<u>66.00</u>	-	<u>17.40</u>	-	<u>127.74</u>	<u>66.05</u>	<u>17.30</u>
001	- Direction & Admn.	-	-	-	-	-	-	-	-	-	-
101	- Grant to Voluntary Organisation.	1.20	-	0.40	0.40	-	0.20	-	1.20	0.40	0.20
103	- Rural functional Literacy Programme.	36.54	-	7.65	7.65	-	6.10	-	36.54	7.65	6.10
200	- Other Adult Education Programme.	92.26	-	59.95	59.95	-	11.10	-	90.00	58.00	11.00
00	<u>GENERAL</u>	<u>1,120.00</u>	<u>93.00</u>	<u>184.00</u>	<u>164.00</u>	<u>68.00</u>	<u>192.00</u>	<u>10.00</u>	<u>70.00</u>	<u>3.50</u>	<u>10.50</u>
001	- Direction & Admn.	120.00	93.00	39.00	39.00	68.00	114.00	10.00	-	-	-
107	- Scholarship	100.00	-	5.00	5.00	-	15.00	-	70.00	3.50	10.50

Contd...

IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development - States/Union Territories.

(Rs. Lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92		Allocation for Dist., Plans.		
		Proposed Outlay.	of which capital content.	Appvd. outlay	Budgeted outlay.	of which capital content.	Proposed outlay.	of which capital content.	Eight Plan 1990-91.	1991-92	
1	2	3	4	5	6	7	8	9	10	11	12
	800 - Other Expenditure	900.00	-	90.00	90.00	-	163.00	-	-	-	-
<u>221</u>	<u>2263 00 TECHNICAL EDUCATION</u>	<u>280.00</u>	<u>150.00</u>	<u>60.00</u>	<u>34.00</u>	<u>15.00</u>	<u>70.00</u>	<u>35.00</u>	-	-	-
	105 - Polytechnic	260.00	150.00	60.00	34.00	15.00	70.00	35.00	-	-	-
	800 - Other Expenditure	20.00	-	-	-	-	-	-	-	-	-
<u>221</u>	<u>2234 00 SPORTS & YOUTH SERVICES</u>	<u>700.00</u>	-	<u>90.00</u>	<u>90.00</u>	-	<u>110.00</u>	-	<u>90.00</u>	<u>13.00</u>	<u>16.00</u>
	001 - Direction & Admn.	293.00	-	29.00	29.00	-	45.00	-	90.00	13.00	16.00
	101 - Physical Education	30.00	-	3.95	3.95	-	5.00	-	-	-	-
	102 - Youth Welfare Prog. for Students.	131.00	-	15.00	16.00	-	22.00	-	-	-	-
	104 - Sports & Games	246.00	-	30.75	30.75	-	38.00	-	-	-	-
<u>221</u>	<u>2235 00 ART & CULTURE</u>	<u>540.00</u>	<u>77.00</u>	<u>70.00</u>	<u>70.00</u>	<u>2.00</u>	<u>85.00</u>	<u>5.00</u>	<u>81.00</u>	<u>4.90</u>	<u>54.00</u>
	001 - Direction & Admn.	264.00	50.00	45.16	45.00	-	52.00	5.00	-	-	39.00
	101 - Fine Arts Education	57.00	-	4.95	5.00	-	5.00	-	-	-	1.00
	102 - Promotion of Art & Culture.	30.00	5.00	3.64	3.50	2.00	3.70	0.50	-	-	-
	103 - Archeology	12.00	-	0.57	1.00	-	1.00	-	-	-	1.00
	104 - Archives	25.40	6.00	2.85	3.00	-	3.00	-	-	-	-
	105 - Public Libraries	93.00	16.00	9.27	9.00	-	10.00	-	57.00	4.90	6.50

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IV DRAFT EIGHT PLAN (1990-95) AND ANNUAL PLANS 1990-91 AND 1991-92
OUTLAYS BY HEADS OF DEVELOPMENT - STATES/UNION TERRITORIES

(Rs. Lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92		Allocation for Dist. Plans		
		Proposed outlay.	of which capital content.	Approved Outlay	Budget ted Outlay.	of which capital content.	Pro- posed outlay	of which capital content.	Eight Plan	1990-91	1991-92
1	2	3	4	5	6	7	8	9	10	11	12
106	- Archeological Survey	15.00	-	-	-	-	0.50	-	-	-	0.50
107	- Museums	30.00	-	3.55	3.50	-	3.00	-	-	-	-
800	- Other Expenditure	12.00	-	-	-	-	0.50	-	-	-	-
<u>222</u>	<u>2213 00 MEDICAL & PUBLIC HEALTH</u>	<u>4,000.00</u>	<u>3,612.50</u>	<u>400.00</u>	<u>400.00</u>	<u>141.50</u>	<u>879.00</u>	<u>746.73</u>	<u>527.50</u>	<u>56.50</u>	<u>160.50</u>
001	- Direction & Admn.	171.00	152.50	22.50	22.50	-	84.30	80.30	5.60	3.50	5.00
104	- Medical Store Deptt	1,117.00	1,110.00	35.00	35.00	30.00	170.70	170.00	200.00	6.00	30.00
109	- School Health Scheme	10.00	-	1.20	1.20	-	2.00	-	-	-	-
110	- Hospital & Dispensary	1,052.00	1,012.00	89.50	89.50	22.00	202.00	171.00	100.00	5.00	50.00
800	- Other Expenditure	26.00	2.00	1.00	1.00	-	3.50	-	-	-	-
<u>02</u>	<u>Homeopathy</u>	<u>21.90</u>	<u>19.40</u>	<u>0.50</u>	<u>0.50</u>	<u>0.50</u>	<u>15.50</u>	<u>14.90</u>	<u>21.90</u>	-	<u>15.50</u>
<u>03</u>	<u>Rural Health-PHC</u>	<u>1,261.50</u>	<u>1,133.00</u>	<u>108.00</u>	<u>100.00</u>	<u>30.00</u>	<u>272.00</u>	<u>242.00</u>	<u>150.00</u>	<u>30.00</u>	<u>35.00</u>
<u>05</u>	<u>Education & Training</u>	<u>42.60</u>	<u>40.00</u>	<u>3.50</u>	<u>3.50</u>	-	<u>15.00</u>	<u>15.00</u>	-	-	-
<u>06</u>	<u>Public Health</u>	<u>298.00</u>	<u>245.00</u>	<u>58.80</u>	<u>50.00</u>	<u>1.00</u>	<u>100.20</u>	<u>53.50</u>	<u>50.00</u>	<u>12.00</u>	<u>25.00</u>
<u>00</u>	<u>General-Other Expenditure</u>	<u>30.00</u>	-	-	-	-	<u>5.00</u>	-	-	-	-
<u>223</u>	<u>2215 00 WATER SUPPLY & SANITATION</u>	<u>7,002.00</u>	<u>4,360.00</u>	<u>933.00</u>	<u>930.00</u>	<u>529.00</u>	<u>1,410.00</u>	<u>893.00</u>	<u>6,560.00</u>	<u>907.00</u>	<u>1,237.00</u>
<u>01</u>	<u>WATER SUPPLY</u>										
01	- Direction & Admn.	400.00	-	10.00	125.00	-	50.00	-	250.00	-	30.00

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IV DRAFT EIGHT PLAN (1990-95) AND ANNUAL PLANS 1990-91 AND 1991-92
OUTLAYS BY HEADS OF DEVELOPMENT - STATES/UNION TERRITORIES

		(Rs. Lakhs)									
Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92		Allocation for Dist. Plans		
		Proposed outlay.	of which capital content.	Approved Outlay	Budget ted outlay.	of which capital content.	Proposed Outlay.	of which capital content.	Eight, 1990-91 Plan	1991-92	1991-92
1	2	3	4	5	6	7	8	9	10	11	12
003	- Training	50.00	-	6.00	8.00	-	5.00	-	-	-	-
004	- Research	30.00	-	3.00	3.00	-	5.00	-	-	-	-
005	- Survey & Investigation	50.00	-	3.00	3.00	-	5.00	-	50.00	3.00	15.00
002	- Machinery & Equipment	150.00	150.00	5.00	5.00	-	5.00	50.00	-	-	-
001	- Urban Water Supply	2,720.00	1,800.00	368.00	32.00	280.00	600.00	450.00	2,720.00	368.00	600.00
002	- Rural Water Supply(MNF)	2,500.00	1,700.00	476.00	420.00	210.00	550.00	350.00	2,500.00	476.00	500.00
000	- Other Expenditure	760.00	460.00	40.00	31.00	31.00	83.00	43.00	600.00	40.00	55.00
02	<u>SANITATION</u>										
004	- Research	2.00	-	2.00	-	-	-	-	-	-	-
005	- Sanitation Services	40.00	-	20.00	17.00	-	7.00	-	40.00	20.00	7.00
007	- Sewerage Services	300.00	250.00	-	-	-	-	-	400.00	-	-
023	<u>2016 GOV. HOUSING</u>										
01	<u>GOVT. RESIDENTIAL BUILDINGS</u>										
007	- <u>Police Housing</u>	700.00	700.00	90.00	90.00	90.00	120.00	120.00	700.00	90.00	120.00
000	- <u>Other Housing(Govt.Housing)</u>	575.00	545.00	76.00	76.00	76.00	95.00	95.00	43.00	3.00	11.00
	1) Direction & Admn.	33.00	-	-	-	-	-	-	-	-	-
	2) Construction	530.00	530.00	76.00	76.00	76.00	80.00	80.00	43.00	3.00	11.00
	3) Machinery & Equipment	15.00	15.00	-	-	-	15.00	15.00	-	-	-
002	<u>URBAN HOUSING(LAD)</u>	2,793.00	2,540.50	144.00	144.00	127.00	496.00	440.00	360.00	50.00	154.00

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IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development - States/Union Territories.

Sl. No.	Major Head/Minor Head of Development.	(Rs. Lakhs)									
		Eight Plan (1990-95)		Annual Plan 1990-91				Annual Plan 1991-92.		Allocation for District Plans.	
		Proposed Outlay	of which capital content.	Appvd. outlay	Budgeted outlay.	of which capital content.	Proposed outlay	of which capital content.	Eight Plan. 91.	1991-92. 92.	
1	2	3	4	5	6	7	8	9	10	11	12
03	- Asst. to Housing Board (Housing Loan)	2,273.00	2,273.00	110.00	110.00	110.00	390.00	390.00	750.00	45.00	130.00
100	- Other Expenditure	433.00	270.50	34.00	34.00	17.50	136.30	50.00	110.00	5.00	24.00
223	2217 00 URBAN DEVELOPMENT										
01	- State Capital Project	1,173.00	1,017.00	155.00	155.00	133.70	190.00	167.50	-	-	-
01	- Direction & Admn.	110.00	-	19.50	19.50	-	19.50	-	-	-	-
50	- Land	-	-	-	-	-	-	-	-	-	-
51	- Construction	1,017.00	1,017.00	133.70	133.70	133.70	167.50	167.50	-	-	-
52	- Machinery & Equipment	35.00	-	1.00	1.00	-	3.00	-	-	-	-
03	- <u>Integrated Development of Small & Medium Towns</u>	<u>173.00</u>	<u>115.00</u>	<u>23.50</u>	<u>23.50</u>	<u>14.30</u>	<u>27.00</u>	<u>16.50</u>	<u>14.00</u>	<u>14.30</u>	<u>16.50</u>
04	- <u>Slum Area Improvement</u>	<u>13.00</u>	<u>5.50</u>	-	-	-	<u>1.00</u>	<u>1.00</u>	<u>5.50</u>	-	<u>1.00</u>
05	- <u>Other Urban Development</u>	<u>1285.91</u>	<u>1038.35</u>	<u>121.50</u>	<u>121.50</u>	<u>95.60</u>	<u>295.92</u>	<u>242.32</u>	<u>418.30</u>	<u>55.60</u>	<u>74.30</u>
	(a) Remunerative Scheme	92.00	92.00	14.00	14.00	14.00	17.00	17.00	70.00	10.00	12.00
	(b) Non-Remunerative Schemes	123.60	123.60	8.00	8.00	8.00	40.60	33.00	-	-	-
	(c) Beautification Schemes	305.66	305.66	20.00	20.00	20.00	105.70	105.70	-	-	-
	(d) Environmental Improvement of Urban Slums (EIUS)	100.00	-	5.00	5.00	-	20.00	-	-	-	-
	(e) Town & Country Planning	194.00	105.00	25.50	25.50	15.10	32.00	16.00	105.00	15.10	10.00
0	- Other Expenditure	393.65	332.15	41.00	41.00	30.50	80.54	70.54	243.00	30.50	40.00

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IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development-States/Union Territories.

		(Rs. L-lakhs)									
Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92.		Allocation for Dist., Plans.		
		Proposed Outlay	- of which capital content.	Appvd. outlay	Budget- ted outlay.	- of which capital content.	Proposed Outlay.	- of which capital content	Eight Plan.	1991-92.	1991-92.
1	2	3	4	5	6	7	8	9	10	11	12
	<u>Information & Puklicity</u>	<u>380.00</u>	<u>125.00</u>	<u>50.00</u>	<u>50.00</u>	<u>10.70</u>	<u>60.00</u>	<u>22.00</u>	<u>165.00</u>	<u>20.00</u>	<u>24.00</u>
	<u>Films</u>										
1.	Direction & Administration		65.00	8.00	8.00	8.00	12.00	12.00	46.00	4.00	6.00
2.	Production of films	20.00	-	2.00	2.00	-	2.00	-	-	-	-
3.	Other Expenditure.	15.00	-	2.00	2.00	-	2.00	-	5.00	0.00	0.00
	<u>Others</u>										
(1)	Research & Training	15.00	-	1.50	1.50	-	1.50	-	-	-	-
(2)	Advertising & Visual Publicity	10.00	-	1.50	1.50	-	1.50	-	3.00	0.20	0.20
(3)	Information Centres	75.00	30.00	8.00	8.00	2.70	12.00	10.00	50.00	6.00	0.00
(4)	Press Information Services	30.00	-	4.00	4.00	-	4.00	-	20.00	2.00	2.00
(5)	Field Publicity	25.00	-	6.00	6.00	-	5.00	-	15.00	3.00	3.00
(6)	Songs & Drama Services	15.00	-	2.00	2.00	-	3.00	-	-	-	-
(7)	Photo Services	30.00	-	4.00	4.00	-	5.00	-	-	-	-
(8)	Publications	20.00	-	8.00	3.00	-	4.00	-	6.00	1.00	1.50
(9)	Community Radio & T.V.	30.00	-	4.00	4.00	-	4.00	-	10.00	1.50	1.50
(10)	Other Expenditure	30.00	-	4.00	4.00	-	4.00	-	10.00	1.50	1.50
	WELFARE SS SC & ST.	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development - MIZORAM

Rs. Lakhs)											
Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-1992.		Allocation for Di. Plans.		
		Proposed Outlay.	Of which capital content.	Appvd. Outlay.	Budgetted Outlay.	Of which capital content.	Proposed outlay.	Of which capital content.	Eight Plan.	1990-91	1991-92
1	2	3	4	5	6	7	8	9	10	11	12
	<u>Labour & Employment</u>	<u>190.00</u>	<u>36.50</u>	<u>25.00</u>	<u>25.00</u>	<u>6.00</u>	<u>30.00</u>	<u>2.00</u>	<u>22.00</u>	-	<u>6.</u>
	<u>Social Security & Welfare</u>	<u>400.00</u>	-	<u>52.00</u>	<u>62.00</u>	-	<u>62.00</u>	-	<u>222.47</u>	<u>33.06</u>	<u>37.</u>
1)	Direction & Administration	130.50	-	10.00	10.00	-	10.00	-	-	-	-
2)	Welfare of Handicapped	50.42	-	14.22	14.22	-	10.10	-	34.46	6.34	6.
3)	Child Welfare	2.33	-	-	-	-	0.55	-	-	-	-
4)	Women Welfare	31.30	-	7.06	7.06	-	5.23	-	18.40	6.00	3.
5)	Welfare of destitutes etc.	46.00	-	5.00	5.00	-	6.00	-	46.00	5.00	6.
6)	Correctional Services	78.28	-	7.72	7.72	-	14.12	-	78.28	7.72	14.
7)	Asst. to Voluntary Organisation	9.50	-	2.00	2.00	-	2.00	-	9.50	2.00	2.
8)	Other Expenditure (Preventive Services)	35.75	-	6.00	6.00	-	7.00	-	35.75	6.00	6.
	<u>NUTRITION</u>	<u>750.00</u>	-	<u>100.00</u>	<u>100.00</u>	-	<u>120.00</u>	-	<u>750.00</u>	<u>100.00</u>	<u>120.</u>
	Other Expenditure										
a)	Purchase of Food	730.00	-	100.00	100.00	-	112.00	-	730.00	100.00	112.
b)	Education & Extension	20.00	-	-	-	-	8.00	-	20.00	-	8.
	<u>XII. GENERAL SERVICES</u>	<u>1,560.00</u>	<u>1,273.00</u>	<u>170.00</u>	<u>170.00</u>	<u>130.00</u>	<u>285.00</u>	<u>226.00</u>	<u>361.00</u>	<u>22.80</u>	<u>78.</u>

IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development - MIZORAM

(Rs- Lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan(1990-95)		Annual Plan 1990-91			Annual Plan 1991-92		Allocation for Dist. Plans.		
		Proposed Outlay.	Of which capital content.	Appvd. outlay.	Budget- ted outlay.	Of which capital content.	Proposed Outlay.	Of which capital content.	Eight Plan.	1990- 91.	1991- 92.
1	2	3	4	5	6	7	8	9	10	11	12
	<u>RAILS</u>	<u>420.00</u>	<u>308.00</u>	<u>25.00</u>	<u>25.00</u>	<u>28.80</u>	<u>100.00</u>	<u>66.00</u>	<u>361.00</u>	<u>22.80</u>	<u>78.00</u>
	(1) Direction & Administration	20.00	-	-	-	-	7.00	-	-	-	-
	(2) Jails	365.00	294.00	16.30	16.30	16.30	78.00	58.00	334.00	16.30	66.00
	(3) Jail Manufacture	10.00	4.00	2.00	2.00	-	5.00	3.00	10.00	2.00	5.00
	(4) Other Expenditure	25.00	10.00	6.70	6.70	4.50	10.00	5.00	17.50	4.50	7.00
	<u>3 42 205000 Stationery & Printing</u>	<u>190.00</u>	<u>140.00</u>	<u>25.00</u>	<u>25.00</u>	<u>-</u>	<u>30.00</u>	<u>25.00</u>	<u>-</u>	<u>-</u>	<u>-</u>
	<u>3 42 205900 public Works</u>	<u>850.00</u>	<u>805.00</u>	<u>110.00</u>	<u>110.00</u>	<u>110.00</u>	<u>140.00</u>	<u>135.00</u>	<u>-</u>	<u>-</u>	<u>-</u>
	001 Direction & Admn.	45.00	-	-	-	-	5.00	-	-	-	-
	051 Constructions.	805.00	805.00	110.00	110.00	110.00	135.00	135.00	-	-	-
	<u>3 42 2070 00 Other Administration Services.</u>										
	<u>003 Administrative Training Institution</u>	<u>100.00</u>	<u>20.00</u>	<u>10.00</u>	<u>10.00</u>	<u>-</u>	<u>15.00</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	GRAND TOTAL :-	104704.91	56264.59	12500.00	12500.00	8907.22	18917.68	12085.77	39575.13	5238.53	7619.00

DRAFT EIGHT PLAN

V. STATEMENT REGARDING EXTERNALLY AIDED PROJECTS

STATE - MIZORAM

Sl. No.	Name, nature & location of the Project with project code and name of external funding agency	Date of sanction date of commencement of work.	Terminal date of disbursement of external aid: a) Original b) Revised	Estimated cost a) Original b) Revised (Latest)	Pattern of funding a) State's share b) Central Asstt. c) Other Sources (to be specified)	Cumulative expenditure upto VIIIth Plan a) State's share b) Central Asstt. c) Other Sources (to be specified) Total	Provision necessary during the VIIIth Plan State's share Central Asstt. Other Sources (to be specified) TOTAL
1	2	3	4	5	6	7	8
N I L							

IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development-States/Union Territories.

(Rs. L-lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92.		Allocation for Dist., Plans.		
		Proposed Outlay	- of which capital content.	Appvd. outlay	Budget- ted outlay.	- of which capital content.	Proposed Outlay.	- of which capital content	Eight Plan. 1990- 91.	1991- 92.	1991- 92.
1	2	3	4	5	6	7	8	9	10	11	12
	<u>Information & Publicity</u>	<u>380.00</u>	<u>125.00</u>	<u>50.00</u>	<u>50.00</u>	<u>10.70</u>	<u>60.00</u>	<u>22.00</u>	<u>165.00</u>	<u>20.00</u>	<u>24.00</u>
	<u>Films</u>										
1.	Direction & Administration		55.00	3.00	3.00	3.00	12.00	12.00	46.00	4.00	6.00
2.	Production of films	20.00	-	2.00	2.00	-	2.00	-	-	-	-
3.	Other Expenditure.	15.00	-	2.00	2.00	-	2.00	-	5.00	3.00	0.30
	<u>Others</u>										
(1)	Research & Training	15.00	-	1.50	1.50	-	1.50	-	-	-	-
(2)	Advertising & Visual Publicity	13.00	-	1.50	1.50	-	1.50	-	3.00	0.20	0.20
(3)	Information Centres	75.00	50.00	3.00	3.00	2.70	12.00	13.00	53.00	6.00	0.00
(4)	Press Information Services	30.00	-	4.00	4.00	-	4.00	-	20.00	2.00	2.00
(5)	Field Publicity	25.00	-	6.00	6.00	-	5.00	-	15.00	3.00	3.00
(6)	Songs & Drama Services	15.00	-	2.00	2.00	-	3.00	-	-	-	-
(7)	Photo Services	30.00	-	4.00	4.00	-	5.00	-	-	-	-
(8)	Publications	20.00	-	3.00	3.00	-	4.00	-	6.00	1.00	1.50
(9)	Community Radio & T.V.	30.00	-	4.00	4.00	-	4.00	-	10.00	1.50	1.50
(10)	Other Expenditure	30.00	-	4.00	4.00	-	4.00	-	10.00	1.50	1.50
	WELFARE SS SC & ST.	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

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IV. Draft Eight Plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development - MIEGRAM

Rs. Lakhs)											
Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-1992.		Allocation for Di. Plans.		
		Proposed Outlay.	Of which capital content.	Appvd. Outlay.	Budgeted outlay.	Of which capital content.	Proposed outlay.	Of which capital content.	Eight Plan.	1990-91	1991-92
1	2	3	4	5	6	7	8	9	10	11	12
	<u>Labour & Employment</u>	<u>190.00</u>	<u>36.50</u>	<u>25.00</u>	<u>25.00</u>	<u>6.00</u>	<u>30.00</u>	<u>2.00</u>	<u>22.00</u>	-	<u>6.</u>
	<u>Social Security & Welfare</u>	<u>400.00</u>	-	<u>52.00</u>	<u>62.00</u>	-	<u>52.00</u>	-	<u>222.47</u>	<u>33.06</u>	<u>37.</u>
1)	Direction & Administration	130.50	-	10.00	10.00	-	10.00	-	-	-	-
2)	Welfare of Handicapped	50.42	-	14.22	14.22	-	10.10	-	34.45	6.34	6.
3)	Child Welfare	2.33	-	-	-	-	0.55	-	-	-	-
4)	Women Welfare	31.30	-	7.06	7.06	-	5.23	-	18.40	6.00	3.
5)	Welfare of destitutes etc.	46.00	-	5.00	5.00	-	6.00	-	46.00	5.00	6.
6)	Correctional Services	78.28	-	7.72	7.72	-	14.12	-	78.28	7.72	14.
7)	Asst. to Voluntary Organisation	9.50	-	2.00	2.00	-	2.00	-	9.50	2.00	2.
8)	Other Expenditure (Preventive Services)	35.75	-	6.00	6.00	-	7.00	-	35.75	6.00	6.
	<u>NUTRITION</u>	<u>750.00</u>	-	<u>100.00</u>	<u>100.00</u>	-	<u>120.00</u>	-	<u>750.00</u>	<u>100.00</u>	<u>120.</u>
	Other Expenditure										
a)	Purchase of Food	730.00	-	100.00	100.00	-	112.00	-	730.00	100.00	112.
b)	Education & Extension	20.00	-	-	-	-	8.00	-	20.00	-	8.
XII.	<u>GENERAL SERVICES</u>	<u>1,560.00</u>	<u>1,273.00</u>	<u>170.00</u>	<u>170.00</u>	<u>130.00</u>	<u>285.00</u>	<u>226.00</u>	<u>361.00</u>	<u>22.80</u>	<u>78.</u>

IV. Draft Eight plan (1990-95) and Annual Plans 1990-91 and 1991-92
Outlays by Heads of Development - MIZORAM

(Rs- Lakhs)

Sl. No.	Major Head/Minor Head of Development.	Eight Plan (1990-95)		Annual Plan 1990-91			Annual Plan 1991-92		Allocation for Dist. Plans.		
		Proposed Outlay.	Of which capital content.	Appvd. outlay.	Budget- ted outlay.	Of which capital content.	Proposed Outlay.	Of which capital content.	Eight Plan.	1990-91.	1991-92.
1	2	3	4	5	6	7	8	9	10	11	12
	<u>JAILS</u>	<u>420.00</u>	<u>308.00</u>	<u>25.00</u>	<u>25.00</u>	<u>26.80</u>	<u>100.00</u>	<u>66.00</u>	<u>361.00</u>	<u>22.80</u>	<u>78.00</u>
	(1) Direction & Administration	20.00	-	-	-	-	7.00	-	-	-	-
	(2) Jails	365.00	294.00	16.30	16.30	16.30	78.00	58.00	334.00	16.30	66.00
	3) Jail Manufacture	10.00	4.00	2.00	2.00	-	5.00	3.00	10.00	2.00	5.00
	4) Other Expenditure	25.00	10.00	6.70	6.70	4.50	10.00	5.00	17.50	4.50	7.00
	<u>3 42 205000 Stationery & Printing</u>	<u>190.00</u>	<u>140.00</u>	<u>25.00</u>	<u>25.00</u>	-	<u>30.00</u>	<u>25.00</u>	-	-	-
	<u>3 42 205900 Public Works</u>	<u>850.00</u>	<u>805.00</u>	<u>110.00</u>	<u>110.00</u>	<u>110.00</u>	<u>140.00</u>	<u>135.00</u>	=	=	-
	001 Direction & Admn.	45.00	-	-	-	-	5.00	-	-	-	-
	051 Constructions.	805.00	805.00	110.00	110.00	110.00	135.00	135.00	-	-	-
	<u>3 42 2070 00 Other Administration Services.</u>										
	<u>003 Administrative Training Institution</u>	<u>100.00</u>	<u>20.00</u>	<u>10.00</u>	<u>10.00</u>	-	<u>15.00</u>	-	-	-	-
	GRAND TOTAL :-	104704.91	56264.59	12500.00	12500.00	8907.22	18917.68	12085.77	39575.13	5238.53	7619.00

DRAFT EIGHT PLAN

V. STATEMENT REGARDING EXTERNALLY AIDED PROJECTS

STATE - MIZORAM

Sl. No.	Name, nature & location of the Project with project code and name of external funding agency	Date of sanction date of commencement of work.	Terminal date of disbursement of external aid: a) Original b) Revised	Estimated cost a) Original b) Revised (Latest)	Pattern of funding a) State's share b) Central Asstt. Plan c) Other Sources (to be specified)	Cumulative expenditure upto VIIIth Plan		Provision necessary during the VIIIth Plan State's share Central Asstt. Other Sources (to be specified) TOTAL	
						a) State's share	b) Central Asstt. Plan		
1	2	3	4	5	6	7	8		
				N	I	L			

VI TRIBAL SUB-PLAN (TSP)

STATE : MIZORAM

FINANCIAL OUTLAYS/PHYSICAL TARGETS : EIGHTH FIVE YEAR PLAN

PROPOSALS FOR TSP - 1990-91 & 1991-92

(OUTLAY/EXPENDITURE IN RS. LAKHS)

SL. NO.	HEAD/ SUB-HEAD	1989-90 (Actuals)		1985-90 (Seventh Plan) (Actuals)		1990-91 (Anticipated)				1991-92		Eighth Plan				
		Total	Flow	Total	Flow	Physi- cal	Achieve- ments	Total	Budge- tted	Physi- cal	Pro- posed	Flow	Physi- cal	Total	Flow	Physical
		State	to	State	to	Targets		State	flow	Targets	outlay	to	tar- gets	State	to	Targets.
		Plan	TWF	Plan	TSP			Plan	to			TSP		Plan	TSP	
		Outlay		Outlay				Outlay	TSP					outlay		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

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VII STATEMENT SHOWING EMPLOYMENT (SCHEME-WISE) IN THE SEVENTH/
EIGHTH PLAN WITH THE CORRESPONDING FIGURES OF EXPENDITURE/OUTLAY

Sl. No.	Head of Development Scheme.	Continuing (Regular) Persons Employment. (Persons)					Employment (in persons days) in the construction phase: (in lakhs)				Expenditure (Rs. in lakhs)			
		in March 1985	in March 1990-Actual)	in March 1991 (Est.)	in March 1992 (Est.)	in March 1995 (Target).	1985-1990	1990-1991 (Est.)	1991-1992 (Est.)	1990-1995 (Target)	1985-90 Total	1990-95 Total	1990-91 Total	1991-92 Total
		3	4	5	6	7	8	9	10	11	12	13	14	15
<u>I. AGRICULTURE & ALLIED ACTIVITIES</u>		<u>1732</u>	<u>794</u>	<u>862</u>	<u>1047</u>	<u>1923</u>	<u>39.38</u>	<u>10.33</u>	<u>12.8</u>	<u>78.43</u>	<u>5506.79</u>	<u>1194.82</u>	<u>1498.41</u>	<u>1913.94</u>
1.	Crop Husbandry	369	-	-	110	279	5.02	0.92	1.46	8.41	1876.48	4135.00	485.00	632.00
2.	Soil Conservation & Plantation	362	450	465	507	651	7.11	1.95	2.43	14.57	858.00	2200.00	300.00	360.00
3.	Animal Husbandry	355	3	81	114	459	1.02	0.10	0.29	1.84	278.00	589.83	31.36	94.44
4.	Dairy Development	31	2	-	12	12	0.06	-	0.01	0.02	18.36	8.40	-	5.20
5.	Fisheries	47	27	4	30	196	3.29	0.77	0.89	5.76	176.81	314.00	37.05	46.10
6.	Forestry & Wildlife	519	274	274	274	274	22.43	6.48	7.46	47.46	2139.95	4500.00	600.00	720.00
7.	Co-Operation	49	38	38	-	52	0.36	-	0.14	-	11.00	12.60	-	4.20
8.	Agriculture Research & Education	-	-	-	-	-	-	-	-	-	19.12	60.00	10.00	12.00
9.	Agriculture Marketing	-	11	-	-	-	0.09	0.11	0.12	0.37	129.07	155.00	35.00	40.00

Contd...2/-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
II. <u>RURAL DEVELOPMENT</u>		<u>192</u>	<u>260</u>	<u>243</u>	<u>286</u>	<u>298</u>	<u>30.96</u>	<u>7.70</u>	<u>12.29</u>	<u>194.88</u>	<u>58.48</u>	<u>18166.00</u>	<u>1537.00</u>	<u>2859.20</u>
a) IRDP & allied		192	241	241	246	246	2.02	1.30	2.00	8.50	58.48	250.00	42.00	50.00
b) Community Dev. & Panchayat		-	19	2	40	52	28.84	6.33	10.22	185.96	-	17856.00	1485.00	2798.60
c) Land Reforms		NIL	NIL	NIL	NIL	NIL	NIL	0.07	0.07	0.42	-	60.00	10.00	10.60
III. <u>SPECIAL AREA PROGRAMME</u>		NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
IV. <u>IRRIGATION & FLOOD CONTROL</u>		<u>59</u>	<u>40</u>	-	<u>83</u>	<u>250</u>	<u>0.55</u>	<u>1.06</u>	<u>1.24</u>	<u>7.95</u>	<u>74.84</u>	<u>1980.00</u>	<u>277.00</u>	<u>325.00</u>
1) Medium Irrigation		-	-	-	-	-	0.55	0.26	0.26	1.20	74.84	160.00	35.00	35.00
2) Flood control		-	-	-	-	-	-	-	-	-	-	-	-	-
3) Minor Irrigation		59	40	-	83	250	-	0.80	0.98	6.75	-	1820.00	242.00	290.00
V. <u>ENERGY</u>		<u>1136</u>	<u>3098</u>	<u>3799</u>	<u>5173</u>	<u>28119</u>	<u>15.40</u>	<u>4.16</u>	<u>5.89</u>	<u>3.18</u>	<u>1166.00</u>	<u>325.00</u>	<u>436.00</u>	<u>600.00</u>
1) Power & Electricity		1136	3098	3799	5173	28119	15.40	4.16	5.89	3.18	1166.00	325.00	436.00	600.00
VI. <u>INDUSTRY & MINERALS</u>		<u>391</u>	<u>1010</u>	<u>1081</u>	<u>1411</u>	<u>1559</u>	<u>6.17</u>	<u>2.00</u>	<u>1.97</u>	<u>10.67</u>	<u>579.67</u>	<u>1347.20</u>	<u>254.60</u>	<u>278.00</u>
1) Village & Small Industry		369	425	458	499	569	1.34	0.94	0.71	3.93	372.19	1012.00	214.00	206.50
2) Large & Medium Ind.		15	26	26	26	26	0.07	-	0.12	0.37	20.50	75.00	-	25.00
3) Mines & Mineral		7	50	51	72	146	0.24	0.05	0.06	0.33	60.00	89.20	12.00	15.90
4) Sericulture		-	509	546	614	818	4.52	1.01	1.08	6.04	126.98	171.00	28.60	30.60

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
VII. <u>TRANSPORT</u>			<u>1235</u>	<u>1575</u>	<u>1029</u>	<u>1201</u>	<u>1579</u>	<u>60.30</u>	<u>27.23</u>	<u>31.91</u>	<u>201.31</u>	<u>3616.08</u>	<u>12071.00</u>	<u>1631.00</u>	<u>1931.00</u>
1) Road & Bridges			663	817	997	1123	1469	59.00	27.00	31.50	199.00	3356.00	11440.00	1577.00	1830.00
2) Road Transport			572	740	32	63	95	0.97	0.14	0.30	1.57	195.00	471.00	36.00	77.00
3) Inland Water Transport			-	-	-	-	-	0.22	0.07	0.09	0.50	30.08	80.00	10.00	12.00
4) Motor vehicles			-	18	-	15	15	0.12	0.02	0.02	0.14	35.00	80.00	8.00	12.00
VIII. <u>COMMUNICATIONS</u>			NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
IX. <u>SCIENCE, TECHNOLOGY & ENVIRONMENT</u>			-	<u>11</u>	<u>18</u>	<u>26</u>	<u>44</u>	<u>NIL</u>	<u>NIL</u>	<u>NIL</u>	<u>NIL</u>	<u>2.10</u>	<u>10.00</u>	<u>2.00</u>	<u>4.00</u>
a) Science, Technology & Environment.			NIL	11	18	26	44	-	-	-	-	2.10	10.00	2.00	4.00
X. <u>GEN. ECONOMIC SERVICES</u>			<u>130</u>	<u>309</u>	<u>382</u>	<u>449</u>	<u>595</u>	<u>12.15</u>	<u>11.24</u>	<u>6.39</u>	<u>39.26</u>	<u>807.56</u>	<u>2237.10</u>	<u>330.85</u>	<u>407.35</u>
1) Planning			30	23	41	41	100	-	-	-	-	20.50	33.55	4.65	5.40
2) Tourism			-	-	-	-	-	0.40	0.03	0.05	1.14	120.00	164.00	20.00	31.00
3) Survey & Statistics			9	15	16	35	65	0.01	-	-	0.02	2.00	6.00	0.40	-
4) Civil Supplies			-	-	-	-	-	0.56	0.08	0.25	1.41	84.36	16.00	27.74	32.00
5) Weights & Measures			-	20	-	-	-	0.02	0.02	0.03	0.05	3.90	14.00	3.50	4.50
6) District Councils			91	251	325	373	430	11.17	11.11	6.06	36.64	576.80	2003.55	274.56	335.45

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	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<u>SOCIAL SERVICES</u>	<u>2832</u>	<u>2380</u>	<u>2851</u>	<u>3656</u>	<u>6252</u>	<u>36.02</u>	<u>13.17</u>	<u>25.84</u>	<u>125.71</u>	<u>9513.05</u>	<u>24104.11</u>	<u>3100.60</u>	<u>4671.32</u>	
1) School Education	1425	444	752	752	915	0.64	0.43	0.60	1.08	2218.75	4970.00	663.00	800.00	
2) Higher & Technical Education	NIL	71	168	383	628	0.42	0.67	0.37	2.68	607.75	1450.00	254.00	305.00	
3) Arts & Culture	15	-	51	64	180	0.15	0.01	0.03	0.39	147.78	540.00	70.00	85.00	
4) Sports & Youth Services	26	38	-	58	156	-	-	-	-	221.34	700.00	90.00	110.00	
5) Medical	-	116	116	386	1348	1.69	0.27	1.38	5.36	1230.28	2474.50	333.80	647.60	
6) Water Supply & Sanitation	661	916	1032	1082	1400	16.77	4.53	5.83	29.55	3361.51	6310.00	907.00	1177.00	
7) Housing														
a) Govt. Housing	170	170	170	170	280	1.95	0.57	0.60	0.40	280.00	545.00	76.00	95.00	
b) L.D. Housing	27	27	27	52	52	1.66	2.31	8.76	46.71	50.00	2803.00	139.00	526.00	
c) Police Housing	48	24	21	87	170	3.15	0.60	0.80	4.67	94.00	140.00	90.00	120.00	
8) State Capital Project	50	87	87	87	393	3.37	1.01	1.27	7.89	450.00	1052.00	135.50	170.50	
9) Urban Dev.	15	69	69	93	93	3.25	1.42	4.22	17.23	97.68	1033.81	85.50	253.32	
10) Town & Country Planning	-	14	31	52	75	0.03	0.03	0.06	0.25	11.80	121.80	9.10	17.90	
11) Information & Publicity	27	15	3	9	31	0.05	0.03	0.11	0.62	10.00	125.00	10.70	22.00	
12) Welfare Of S.C., S.T. & other backward classes.														

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
13) Labour & Employment	-	11	15	20	30	0.10	0.02	0.01	0.08	-	100.00	25.00	30.00	
14) Social Welfare	-	60	66	80	80	-	0.01	0.01	0.10	208.66	400.00	52.00	62.00	
15) Nutrition	-	-	-	-	-	-	-	-	-	-	-	-	-	
16) Jails	-	33	33	71	104	0.31	0.24	0.44	1.82	195.00	234.00	20.00	79.00	
17) Stationery & Printing	176	89	Nil	Nil	Nil	0.01	0.20	0.34	0.74	96.50	190.00	25.00	30.00	
18) Public Works (Buildings)	171	171	171	171	261	2.47	0.82	1.01	6.04	231.50	805.00	110.00	135.00	
19) A.T.I.	12	25	39	39	56	-	-	-	0.10	-	20.00	5.00	6.00	
GRAND TOTAL :		7698	9477	10265	13332	40619	200.84	76.89	98.33	661.39	21324.57	72215.23	9067.46	12989.0

VIII
VIII RURAL COMPONENT OF DRAFT EIGHTH PLAN AND ANNUAL PLANS 1990-'91 and 1991 - '92 :

OUTLAYS OF MIZORAM

Sl. No.	DEVELOPMENT HEAD & SUB-HEAD	OUTLAY			(Rs. in lakhs) RURAL COMPONENT		
		EIGHTH PLAN 1990-'95.	1990-'91 Budgetted	1991-'92 proposed	EIGHTH PLAN 1990-'95.	1990-'91 Budgetted	1991-'92 Proposed.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I. DIRECTLY IDENTIFIABLE RURAL							
OUTLAYS BY LOCATION & BENEFITS.							
1. Agricultural and allied activities.							
	(a) Crop Husbandry (including Research Education and Marketing).	4,350.00	530.00	686.00	4,076.00	493.36	645.00
	(b) Soil Conservation (Including Plantation).	2,200.00	300.00	360.00	1,734.00	230.85	276.00
	(c) A.E. & Vety.	2,559.73	252.00	360.00	2,402.22	60.24	73.76
	(d) Fisheries	350.00	39.00	50.00	253.00	37.00	41.00
	(e) Forest.	4,500.00	600.00	720.00	2,344.00	317.00	362.00
	(f) Co-operation.	950.00	126.00	150.00	589.00	66.10	91.10
2.	Rural Development (Community Development & Panchayat).	17786.00	1485.00	2798.96	17435.28	1467.00	2763.91
3.	Special area Programme (IRDP, NREP, JRY etc.).	1005.00	190.00	201.00	982.50	184.50	196.50
4.	Land Reforms.	270.00	35.00	42.00	159.00	21.70	25.00
5.	<u>Irrigation & Flood Control.</u>						
	(a) Medium Irrigation.	270.00	35.00	42.00	270.00	35.00	42.00
	(b) Minor Irrigation.	1,820.00	242.00	290.00	1,820.00	242.00	290.00
	<u>Total of 1 to 4.</u>	<u>36,060.73</u>	<u>3,834.00</u>	<u>5,699.96</u>	<u>30,512.60</u>	<u>3,154.75</u>	<u>4,801.21</u>

Contd....24-

VIII RURAL COMPONENT OF DRAFT EIGHT PLAN AND ANNUAL PLANS 1990-'91 & 1991 - '92 : OUTLAYS OF MIZORAM.
(Rs. in lakhs).

Sl. No.	DEVELOPMENT HEAD & SUB-HEAD	OUTLAY					RURAL COMPONENT.	
		EIGHTH PLAN 1990-'91	1990-'91 Budgetted	1991-'92 Proposed.	EIGHTH PLAN 1990-'95	1990-'91 Budgetted	1991-'92. Proposed.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
6.	<u>Rural Electrification (R.E.)</u>							
7.	Village Industries.							
	6.1 Khadi & Village Industries.	414.00	65.00	103.00	414.00	65.00	103.00	
	6.2 Handloom.	757.00	149.00	162.00	757.00	149.00	152.00	
	6.3 Sericulture.	1,050.00	140.00	168.00	715.26	67.10	72.10	
	6.4 Handicraft.	80.00	16.00	16.00	80.00	16.00	16.00	
	6.5 Coir.	-	-	-	-	-	-	
	6.6 Other Industries.	1967.00	330.00	366.00	608.00	64.50	115.26	
8.	Rural Roads.	7250.00	832.00	355.00	7320.00	832.00	355.00	
9.	Rural Health.	1261.50	188.00	272.00	1261.50	188.00	272.00	
10.	Village Health Guides. (Family Welfare).	-	9.83	-	-	9.83	-	
11.	Rural Housing.	-	-	-	-	-	-	
12.	Rural Water Supply.	2500.00	420.00	650.00	2500.00	420.00	650.00	
13.	Rural Sanitation.	20.00	8.50	3.50	20.00	8.50	3.50	
	<u>Sub-total of 5 - 13</u>	<u>15,279.00</u>	<u>2,158.33</u>	<u>2,085.50</u>	<u>13,675.76</u>	<u>1,819.43</u>	<u>1,738.81</u>	
	<u>Sub-total of 1 - 13.</u>	<u>51,339.73</u>	<u>5,992.33</u>	<u>7,785.46</u>	<u>44,188.36</u>	<u>4,974.10</u>	<u>6,540.01</u>	

Contd.. 3/-

