

DISTRICT DISASTER MANAGEMENT PLAN OF LOWER DIBANG VALLEY DISTRICT

CHAPTER - I

INTRODUCTION

The District Disaster Management Plan of Lower Dibang Valley, hereinafter referred as the Plan, is a multi-hazard response plan that assists and equips the district administration to organize its emergency preparedness for the pre, during and post disaster, so that response and mitigation functions timely and in an efficient manner within the district and also to extend the necessary support to the state and central government. It is a plan that focuses on operations, and defines the Characterization of responder agencies of the district, from within and outside the government.

District Profile

The Lower Dibang Valley is the 15th district of Arunachal Pradesh which came into existence on 14th of November 2001, and Roing being its district headquarter. The district is situated in between 27degree 30 minutes N to 28degree 38 minutes N latitude and the longitude between 95 degree 15 minutes E to 96 degree 30 minutes. This district has 3900 sq.km area and shares its border with Dibang Valley in the North, Assam in the South, Lohit in the East and East Siang in the west. It stretches from snowcapped mountain in the north to the plains of the Brahmaputra in the South. It has the green lush forest with deep rivers like Dibang, Deopani, Ithu, Eze, Iphi. Aba, Chifu, Sisiri, Dotoung and their various tributaries. The major part of the district is covered by reserve forest which helps forest and environment departments in revenue earning activities.

The climate of district is sub-tropical with high humidity and May being the hottest month of the year. Monsoon generally starts with heavy rainfall from the month of April every year. The lower belt of the district experiences hot climate in summer but it becomes progressively cold as one move northward to the higher altitude. The upper belt of the district that is Desali and Hunli circles, enjoy very moderate climate during summer and extreme cold during the winter.

Administratively the Lower Dibang District is divided into three sub-division and six Circles and inhabited by Idu Mishmi and Padam of Adi Tribes. Apart from these tribe some small pockets of the district are inhabited by Galo and Mishing.

Basically the people of the district predominantly practices agriculture and horticulture, and few are engaged in government services. The upper belt of district is highly hostile terrain with rough mountains, where shifting cultivation is widely practiced by the people, while the lower part of belt is covered by fertile land, where both jhum and settled cultivation are practiced in the form of wet rice cultivation (WRC) and Terrace Rice Cultivation (TRC) and also has high fishery potentiality. It has total area of 25,280 Hects of cultivable area.

The principal means of transport is by road as the NH 52 runs through the district. The district has well air connectivity with two days services being pressed in by the civil aviation department through pawans hans and jagson airlines. The PWD roads are spread across all the blocks but most of them get disconnected due to landslide and flood during the monsoon season.

Socio-economic profiles

Apart from Agri and horticulture, many people have small business. Some people are in the Contract works and others have sound business of hotels and restaurants. The district of Lower Dibang Valley has got many tourist spots and religious places such as : Mayudiya Pass, Bhismaknagar, Mehao lake, Sally Lake, Nehru Ban-Udyan etc. which attract tourist and picnickers round the year.

GEOGRAPHICAL AND DEMOGRA NECESSITY OF THE PLAN:-

The Plan establishes an administrative structure for a systematic, coordinated and effective response at the district level. The purpose of the plan is to:

- Define a system of coordination at the district level.
- Identify all the responder agencies at the district level, and assign functional responsibilities to each of them.
- Establish a central facility in the district, which enables all the responder agencies to interact and coordinate their efforts.
- Suggest hazard-specific preparedness, response and mitigation measures.
- Plan resource requirements, and coordinate with the state government for requisitioning more resources.
- Provide an inventory of resources, key facilities and addresses for deployment and assistance towards preparedness and mitigation.

Responding to an urgent call of society to change the paradigm from the traditional practice of giving relief towards reducing the risk of disaster, the govt is emphasizing that at all level , administration’s primary role should be the preparedness, mitigation, reduction and response of a disaster based on community participation.

PHICAL DATAS :-

SL.NO.	PARTICULARS	FIGURES IN DETAILS
1.	Geographical area	3900.00 Sq.Km
2.	Cultivable area	25,280 Hectres
3.	Irrigated area	2791 Hectres
4.	Population	50,448 (2001 census)
	Male	27156
	Female	23292
5.	Literacy rate	60.34%
	Male	69.21%
	Female	49.73%
6.	Rural population	40,341
7.	Urban population	10,107
8.	Town	01
9.	Villages	112 (2001 Census)
10.	Nos of Sub-Division	03
11.	Nos of Circle Hq	06
12.	Nos of CD Block	03
13.	Nos of Gram panchayat	154
14.	Major river	09
15.	Annual rainfall	4498.90mm (2007)
16.	Temperature	15 – 44* C
17.	District hospital	01
18.	CHC	02
	PHC	05

OBJECTIVES

THE OBJECTIVE BEHIND THE PREPARATION OF THE DISTRICT DISASTER MANAGEMENT PLAN IS:-

1. To mitigate impact of natural and man made disasters through preparedness at District level, Blocks, Gram Panchayat and village level.
2. To provide effective support and resources to all the concerned individuals, groups and departments during disasters.
3. To assist the line depts., block administration, communities in developing compatible skills for disaster management.
4. To disseminate factual information in timely, accurate and tactful manner while maintaining necessary confidentiality.
5. To develop immediate and long term support plans for vulnerable people in/during disasters.
6. To create awareness among the people about hazard occurrences and increase their participation and preparedness, prevention, development, relief, rehabilitation and reconstruction process.
7. To have response system in place to face any eventuality.

DEVELOPMENT OF DDMP:-

The Deputy Commissioner is responsible for initiating the DDMP at the District level. After constitution of the DDMC with the involvement of PRI's and all the HODs, the DDMP is prepared. The DDMP is prepared keeping in view its need to monitor the frequent natural disasters occurred in the district. And also to strengthen the hands of the District administration by setting up a control room which will be jointly monitored by the Field Officer and DRRO. The DDMP was prepared on 24th of March'2011. The DDMP was prepared taking into consideration the practical problems faced by the inhabitants of the District. It was decided by the DDMC that the DDMP would be reviewed after every six months.

Development of District Disaster Management Authority :- As per Govt. Notification regarding constitution of the District Disaster Management Authority in the District, the District Disaster Management Authority is constituted with the following members.

- | | | | |
|-------------------------------------|--------------------------|------------------------------|-----------------|
| (1) Deputy Commissioner | -Chairperson ex-officio | (2) Chairperson (ZPM) | -CO-Chairperson |
| (3) Add. Deputy Commissioner | -Chief Executive Officer | (4) Suptt. of Police | -Member |
| (5) District Medical Officer | -Member | (6) D.D.M.O | -Convener |
| (7) Executive Engineer (Electrical) | -Member | (8) Executive Engineer(PHED) | -Member |

CHAPTER – 2

RISK ASSESSMENT & VULNERABILITY ANALYSIS

Economic, Occupational, Social and Educational Profile of the Population

Circle Wise Demographic Profile:

Total number of villages, total population along with population by sex, main tribes and distance from district headquarters, Roing to different Circles of Lower Dibang Valley District.

<i>Name of Circle</i>	<i>No. of Village</i>	<i>Total Population</i>			<i>Main Tribes</i>	<i>Distance from Roing (in Kms)</i>
		<i>Persons</i>	<i>Males</i>	<i>Females</i>		
ROING	45	34619	18801	15818	Idu-Mishmi & Adi-Padam	0
KORUNU	11	3524	1872	1652	Idu-Mishmi	21
DAMBUK	10	5280	2809	2471	Adi-Padam	45
PAGLAM	08	5163	2692	2471	Mishing, Adi-Padam & Galo	105
HUNLI	28	1030	583	447	Idu-Mishmi	90
DESALI	25	822	416	406	Idu-Mishmi	110
TOTAL :	127	50,438	27,173	23,265		

Population data as per 2001 census of India.

- Occupational Profile Of the District

The people of the district are mostly into farming. They are also expert craftsmen and weavers, women in particular.

- Social Profile Of the District

The main inhabitant tribes are Adi and Idu-Mishmi. They have their own society and village councils. Traditionally Idus believes in Animism and worships several benevolent spirits. Nani Intaya and Massello Zino are worshipped as creators of mankind and universe as a whole. On the other hand, Adi's belief and faith allegiance to sun and moon god. Besides, Idu and Adi, a few numbers of Nyishi, Mishing and Galo families are settled here.

- Educational Profile Of the District

Sl. No.	Educational Institutions	Nos.
1	Higher Secondary Schools	03
2	Secondary School	05
3	Middle School	13
4	Primary School	25
5	Pre-Primary	02
6	Central School	01
7	Vivekananda Kendra Vidyalaya	01
8	Jawahar Navodaya Vidyalaya	01
9	Industrial Training Institute	01
10	A.P. Forest Training School	01
11	District Institute for Educational Training	01
12	Private Schools	06

** The literacy rate of the district is about 60.34% males and 49.73% females.*

DISASTER SPECIFIC HISTORY OF THE DISTRICT.

Sl No.	Disastrous Events	Year of Occurrence
1	Flood	1999, 2003, 2005, 2006, 2007, 2008, 2009, 2010
2	Landslide	1999 – 2010
3	Drought	2005, 2009
4	Storms	2005, 2010
5	Fire Accidents	2005, 2007

SEASONAL HAZARD ANALYSIS:

Type of Hazards	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
FLOOD						←	→					
LANDSLIDE						←	→					
EARTHQUAKE	←	→										→
STORM					←	→						
DROUGHT							←	→				
FIRE ACCIDENT	←	→										→
COMMUNAL RIOT	←	→										→

DISASTER PROBABILITY

SL.N o	Type of Disasters	Time of Occurrence	Potential Impact/Probable Damages	Vulnerable Areas
1	Flood	June – September	Loss of life, livestock, crop and infrastructure.	Entire District
2	Landslide	June- October	Loss of human life, paddy, infrastructure, communication network, houses, etc.	unli & Desali
3	Earthquake	Anytime	Loss of human life, livestock, paddy, infrastructure, communication network, houses, etc.	Entire District
4	Storm	May-June	Damages to houses, injuries, etc	Paglam
5	Drought	July-October	Damage crops	Roing, Korunu, Dambuk, Paglam
6	Fire Accident	Anytime	Loss of life and properties.	Entire District
7	COMMUNAL RIOT	Anytime	Loss of life and properties	Roing

RISK ASSESSMENT VS. PROBABLE CIRCLE

TYPE OF HAZARD	POTENTIAL IMPACT	VULNERABILITY	VULNERABLE AREAS
FLOOD	Loss of life, livestock, crop and infrastructure.	<ol style="list-style-type: none"> 1. <u>Communication network.</u> Road network, Bridges, Ferry Services, Tele-communications. 2. <u>Private Infrastructures.</u> Kutchu Houses, Semi Kutchu Houses 3. Agriculture/Horticulture. All Agricultural & Horticultural Crops. 4. Irrigation Sources. Minor Irrigation Projects, Siltation, Boulder Created Wall. 5. Drinking Water sources Pipelines, Water and Sedimentation Tanks, Hand-Pumps 6. <u>Power Supplies</u> Electric poles, transmission cables, 7. <u>Health Services</u> Medicines 8. Educational Institutes. Private & Public schools and institutes. 9. Live stock. Mithuns, Pigs, Cows, Buffalos, Goats, Poultry Farms, Fish Farms, etc 10. <u>Vulnerable People.</u> Handicapped, Fishermen, Old/Aged, Pregnant, Sick and ailing/diseased, Children below 5 years. 11. <u>Other vulnerable assets.</u> Saw Mills, Small scale industries,/ orchards & forest. 	Entire District

<p style="text-align: center;">LANDSLIDE</p>	<p>Loss of crop, infrastructure, human life, livelihood system, disruption of communication, damages to Pvt. & Public properties, flora and fauna etc</p>	<ol style="list-style-type: none"> 1. <u>Communication network.</u> Road network, Tele-communications. 2. <u>Private Infrastructures.</u> Temporary and permanent buildings. 3. Agriculture/Horticulture. All Agricultural & Horticultural Crops. 4. Irrigation Sources. Minor Irrigation Projects, Siltation, Boulder Created Wall. 5. Drinking Water sources Pipelines, Water and Sedimentation Tanks, 6. <u>Power Supplies</u> Electric poles, transmission cables, 7. <u>Health Services</u> Medicines 8. Educational Institutes. Private & Public schools and institutes. 9. Live stock. Mithuns, Pigs, Cows, Buffalos, Goats, Poultry Farms, Fish Farms, etc 10. Vulnerable People. Handicapped, Fishermen, Old/Aged, Pregnant, Sick and ailing/diseased, Children below 5 years. 	<p style="text-align: center;">Hunli, Desali and Upper part of Dambuk</p>
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EARTHQUAKE	Loss of lives and properties.	Lives and properties.	All over the District.
STORM	Damages to houses, injuries, etc	<p>1. <u>Communication network.</u> Road network, Tele-communications.</p> <p>2. <u>Infrastructures.</u> Temporary and permanent buildings,</p> <p>3. Agriculture/Horticulture. All Agricultural & Horticultural Crops.</p> <p>4. <u>Power Supplies</u> Electric poles, transmission cables,</p> <p>5. <u>Live stock.</u> 1.1.1 Mithuns, Pigs, Cows, Buffalos, Goats, Poultry Farms, etc</p> <p>6. <u>Vulnerable People.</u> Handicapped, Fishermen, Old/Aged, Pregnant, Sick and ailing/diseased, Children below 5 years.</p>	All over the District.
DROUGHT	Loss of crop, livelihood	Crop, Potable water,	Roing, Konuru, Dambuk, Paglam
FIRE ACCIDENTS	Loss of Lives and Properties.	Human Lives, Livestocks, Buildings & other infrastructures, Forest, Theft, Psychology, etc	Entire District
COMMUNAL RIOT	Law & Order problems, disturbances of social harmony.	District Administrations hamper in maintaining peace and tranquility, inhabitant of the affected areas, valuable assets lost.	Roing

Capability Analysis

Inventories and Evaluation of Resources Analysis:-

Analysis and assessment of the resources and opportunities form the stepping stone in the preparatory stage. Authentic assessments can make the planner aware of their firmness and wands, so that they can equip themselves with all the required items and materials well in advance. The resources necessary for disaster preparedness during and after disasters are listed below:

Shelters:

Sl No.	Name of the Circles	Location of the Relief Shelter
1	Roing	Higher Secondary School, Central School, JNV, VKV, ITI, DIET, FTI, DUDA, CPO, General Ground.
2	Koronu	CO Office, Govt. Sec School, Middle School
3	Dambuk	CO Office, Govt. Sec School, Middle School
4	Paglam	CO Office, Govt. Sec School, Middle School
5	Desali	CO Office, Govt. Sec School, Middle School
6	Hunli	CO Office, Govt. Sec School, Middle School

Storage of Food

Sl. No.	Name of Circle	Place	Capacity (in Quintals)
1	Roing	Roing	600
2	Dambuk	Dambuk	200
3	Paglam	Paglam	200
3	Hunli	Hunli	200
4	Desali	Desali	200

** There is no FCI Godown in the District.*

List of police station & Outpost location:

Sl No.	Police Setup	Numbers	Location
1	Police Station	03	Roing, Dambuk, Hunli
2	Police Outpost	02	Santipur, Paglam
3	Police Check Gate	02	Santipur, Paglam
4	WT Net	05	Roing, Dambuk, Hunli, Paglam, Santipur
5	Fire Station	01	Roing
6	CRPF	1 Coy	Roing
7	AAPBN	1 Coy	Roing

COMMUNICATION AND MEDIA:

1. Tele & Mass Communication:

Sl. No.	Name of Block	Place of Installation
1	Roing-Koronu	a) NIC at DC Office b) CIC, Roing c) WT Station at Police station and SP Office, Roing d) POL Net at SP Office, Roing e) Bsnl office, Roing f) Radio g) Roing Times (Newspaper) at Roing
2	Hunli-Desali	a) Police Station, Hunli b) Bsnl Service
3	Dambuk-Paglam	a) Police Station, Dambuk b) Bsnl Service c) V-Sat at SDO Office

2. Surface Communication:

Sl No.	From	To	Means	Distance (in Km)
1	Roing	Tezu	APST Bus, Tata Sumos, Private Buses & Vehicles	70
2	Roing	Sadiaghat	-do-	50
3	Roing	Hunli	APST Bus, Tata Sumos	90
4	Roing	Dello	Private Vehicles	10
5	Roing	Rukmo	APST, Private Vehicles	30
6	Roing	Koronu	APST Buses	20
7	Roing	Chidu	Private Vehicles	15
8	Roing	Old Abali	APST Buses, Private Vehicles	15
9	Roing	Balek	APST Buses, Private Vehicles	5
10	Roing	Tinsukia	APST Buses, Private Buses	120
11	Roing	Anini	Tata Sumos	235
12	Dambuk	Paglam	Tata Sumo, Ferry Service	30

IN-LAND COMMUNICATION:

Sl No	From	To	Name of River
1	Roing	Dambuk	Dibang
2	Paglam	Dambuk	Sisiri
3	Dhola	Roing	Brahmaputra

3. Air Communication

SI No.	Location of Helipad	From	To	Schedule
1	Roing	Naharlagun	Roing (via MBR)	Monday, Thursday
2	Dambuk	Roing	Dambuk	Monday, Thursday
3	Paglam	Roing	Paglam	Non-Schedule
4	Hunli	Roing	Hunli	Non-Schedule
5	Desali	Roing	Desali	Non-Schedule

LIST OF HEALTH SERVICES:

SI No.	Medical Facility	Number	Location
1	District Hospital	01	Roing
2	CHC	02	Dambuk, Parbuk
3	PHC	05	Iduli, Koronu, Anpum, Hunli, Bolung
4	HSC	13	Brinli, New Elope, Chidu, Jia, Abali, Rukmo, Asali, Meka, Bhismaknagar, Bomjir, Bizari, Paglam, Keba,
5	Health Unit	01	Desali
6	Homeopathic Dispensaries	02	Roing, Koronu

ADMINISTRATIVE PREPAREDNESS FOR DIFFERENT DISASTER:

Sl No.	Actions	Departments/Personals	Remarks
1	DDMC	Administration	DC heads the committee along with 8 members.
2	Rapid Response Team	Health	DMO, DSO & Team of Doctors and Staffs
3	Control Rooms	Police, Administration	SP
4	Surface Communication	PWD, RWD, BRTF, NHPC	HODs
5	Tele-Communication	Bsnl	SDO(T)
6	Rainfall Data	WRD	EE, WRD
7	WT Message	Police	SP
8	Food Supply	Civil Supply	DFCSO
9	Fire Tender	Police	SP
10	Ferry Service	PWD, RWD, Power, BRTF, Forest, Private	HODs and Owners
11	Medical Aids	Health	DMO
12	Relief Camps	Health, Administration	DMO, DRRO
13	Helicopter Service	Civil Supply	DFCSO
14	Volunteers	NGOs, ALC, NCC, NSS	District Admin.
15	Transportation	APST	SST
16	Power Supply	Power, Hydro Power, NHPC	HODs
17	Water Supply	PHED	EE, PHED
18	Livestock	Veterinary	DVO
19	Irrigation	WRD	EE, WRD

CHAPTER – 3

MITIGATION AND PREPAREDNESS PLAN

Pre- disaster planning consists of activities such as disaster mitigation and disaster preparedness. Disaster mitigation focuses on the hazard that causes the disaster and tries to eliminate or drastically reduce its direct effects. The best example of mitigation is the construction of embankments and construction of proper drainage system in flood prone areas to avoid floods. The other example includes retrofitting of weak buildings to make them earthquake resistant.

And preparedness focuses on plans to respond to a disaster threat or occurrence. It takes into account an estimation of emergency needs and identifies the resources to meet the needs. The first objective of the preparedness is to reduce the disaster impact through appropriate actions and improve the capacity of those who are likely to be affected most. The second is to ensure that ongoing development continues to improve the capacities and capabilities of the system to strengthen preparedness efforts at community level. Finally it guides reconstruction so as to ensure reduction in vulnerability. The best example of preparedness activities are the development of community awareness and sensitization system through community education and administrative preparedness by way of stockpiling of supplies, developing emergency plans for rescue and relief.

SPECIFIC DISASTER MITIGATION MEASURES

1. EARTHQUAKES

Lower Dibang Valley district falls under earthquake zone-V so following mitigation measures should be taken to reduced the impact of earthquake: -

- Adoption of building codes for new construction in various areas.
- Public utility buildings must be located in stable areas or in stiff soil.
- Retrofitting of weak structures.
- Relocation of people settling in the steep slope areas and near the river bank.

2. FLOOD MITIGATION

Flood mitigation refers to the measures aimed at prevention and preparedness. It reduces the actual or probable impact of floods on the people and their environment.

Floods in Lower Dibang Valley district are inevitable, considering the topography and the river system. What is required is a system of adjustment with floods, so that the people experience minimum of disruption and damages. The objective of flood mitigation is to control changes in the volume of run-off, peak stage of the flood, time of rise and duration of floodwaters, and location of flooding.

The main causes of floods in Lower Dibang Valley District are:

- Obstruction in drainage system due to heavy rainfall.
- Increase in siltation in riverbeds due to erosion in the catchment areas.
- Change of river course because of poor natural drainage system.

The mitigation measures should be oriented to take proper care of these problems and thus will automatically reduce the impact of flood in the district. The various measures adopted for flood mitigation may be categorized in two groups structural and non-structural.

Structural

- Construction of embankments / floodwalls along the river bank and improvement of the channel (by WRD).
- Construction of drainage system in the Roing town and other parts of the district (by PWD/UD).
- Diversion of flood water (by WRD).
- Careful location of new facilities, particularly community facilities such as schools, hospitals and other important infrastructure away from flood prone areas.

Non-structural

- Collection of daily rainfall data (by WRD).
- Flood forecasting and warning (by WRD & General Administration).
- Prepare detailed floodplain map of the district, based on extent of land submerged, and assessment of damages. Analyze how the pattern of flooding has changed over a period of time (by WRD & GA).
- Plantation in the catchment areas to check soil erosion (by forest Dept)
- Preparation of DDMP and awareness programme through IEC (information, education & communication by GA).

3.CYCLONIC STORM

Lower Dibang Valley is frequently strike by cyclonic storm during pre-monsoon season causing widespread damage to the crop and other properties. The main mitigation strategies for storm hazards are a well informed public and an effective warning system. The following mitigation measures can be adopted to reduce the impact of cyclonic storm: -

- Location of key facilities in leeward sides of hill/ less vulnerable areas(by District Administration and Land Managemnt).
- Planting windbreaks in the most vulnerable locations (by DFO (T)).
- Construction of strong, wind safe public buildings which can be used for community shelter in settlements (by UD & PWD).
- Crops can be protected by introducing agricultural practices and cultivation of those crops which are more resistant to high winds.
- Compilation of meteorological data for forecasting of storm (By Dept concerned).
- Public dissemination of information through mass media, poster campaigns and village meetings (by Distt Administration).

4.LANDSLIDE

Landslide is very common in the hilly terrain of Lower Dibang Valley District which wipes out crop, agriculture field, irrigation cannel, roads and bridges and other infrastructures. Loss of Human lives and animals lives are also observed during rainy season. Landslide can be caused by poor ground conditions, geomorphic phenomena, natural physical forces, improper land use pattern and quite often due to heavy spells of rainfall coupled with impeded drainage. The chief mitigatory measures to be adopted in the district are: -

- Correction of drainage systems in the landslide prone areas by maintenance of natural drainage channels both micro and macro in vulnerable slopes (by BRO/PWD).
- Regulation of land use pattern (Land Management).
- Afforestation of areas occupied by degraded vegetation (by DFO (T)).
- Re-location of settlements that are in the landslide prone areas (by GA).\
- Construction of gabion structure in important areas(by WRD)
- Creation of awareness among local people (by GA).
- Regular observation of rainfall pattern (by WRD)

5.FIRE ACCIDENT

Fire accident is very common in Lower Dibang Valley District due to compact settlements and thatch roof houses which is very prone to fire. The following mitigation measures may be taken up to contain fire accident: -

- Installation of fire extinguisher cylinders in all institutions (by concerned institute).
- Construction of fire hydrant in fire prone areas (by PHED/Police/GA).
- Installation of fire warning systems in community facilities such as in school and hospitals (by concerned institute).
- No attachment of thatch houses in govt buildings (by GA).
- Awareness about the causes of fire accident in rural areas and motivate the villagers to construct their houses at sufficient distance from one another (by GA).

6.FOREST FIRE

Forest fire is also a major calamity in Lower Dibang Valley District causing widespread damage to flora fauna in the area. Following measures should be adopted to deal with this disaster: -

- Deployment of forest watcher in strategic locations with wireless set (by Forest Dept.).
- Awareness to the local people about forest fire and importance of flora and fauna.

7.EPIDEMICS

The Health Department & Veterinary dept is the nodal agency responsible for monitoring and control of epidemics. Mitigation measures for control of epidemics would include: -

- Identification of areas prone to certain epidemics must be updated to access field requirements (by DMO & DVO).
- Testing laboratories in district hospital must be well equipped and updated (by DMO).
- Regular flow of data from both govt establishment and NGOs run hospitals(by DA).
- Analyzing and collating the data at regular intervals to access epidemiological monitoring requirements (by DMO/DVO).
- Awareness campaign to the PRI members and the villagers about various kinds of disease and their causes that are prevalent in the area (by DMO/DVO/DA)

8.ROAD ACCIDENTS

Many lives were lost and casualties are reported annually due to road accident, which is cause due to reckless driving and poor road conditions. The following measures may be adopted to mitigate road accidents: -

- Opening of traffic model school in every district.
- Installation of speed monitoring machine in busy areas (by police).
- Strict implementation of motor vehicle Act (by Police).
- Installation of traffic sign boards (by Police).
- Carry of First Aid Box in every vehicle must be made mandatory (by Police/DTO (transport)).
- Insurance of all vehicles must be updated (by Police).
- Awareness about traffic rules should be imparted to all drivers and commuters through IEC (by police).

8. COMMUNAL RIOT

Due to frequent outbreak of communal riot in the District the peace and tranquility is hampered. The following measures may be adopted to mitigate the impact.

- District Administration should constitute a strong peace committee
- Calling of regular interaction meeting of peace committee at every interval of 3 (Three) months
- Encouragement of inter-caste marriages

Preparedness Plan

The District Disaster Management Authority will arrange to prepare the preparedness plan and will be headed by Chairperson ex-officio of the Authority along with seven members.

The District Disaster Management Authority will identify the high-risk areas and vulnerable groups of population in the district. It will bring together the collective strength and resources of the government and NGOs in addressing all the needs of disaster prevention, preparedness, response and mitigation. The authority will ensure the participation and accountability of all the departments in dealing with disaster.

1. STANDARD OPERATING PROCEDURES AND PREPAREDNESS CHECKLIST FOR ALL DEPARTMENTS / AGENCIES

All the actions mentioned above are to be carried out by different departments / agencies participating in the District Disaster Management Plan. It is necessary that all the departments have well-defined standard operating procedures and preparedness checklists.

The Chairperson ex-officio of the Authority must circulate the standard operating procedures among the departments / agencies, and ask for compliance of the preparedness measures in the District Disaster Preparedness meetings. It is absolutely important that all the departments / agencies are very familiar with the overall plan and the procedures specifically applicable to them and report diligently upon their implementation.

Standard Operating Procedures should be modified/updated and improved upon in light of changing circumstances. The District Magistrate should encourage all the departments to suggest changes in these procedures with a view to enhance the effectiveness of the District Disaster Management Plan. The Standard Operating Procedures (SOPs) of various departments at district level are given as under :

2.1 Standard Operating Procedures For District Administration

In-charge Officer: DC

Preparedness

- Convene the meetings of District Disaster Preparedness Committee.
- Update the District Disaster Management Plan.
- Maintain and activate the District and Sub-divisional Control Rooms
- Check upon inventory of resources.
- Check the supplies of food grains through the Public Distribution System.
- Prepare a list of relief items to be distributed.
- Prepare a transportation plan for supply of relief items.
- Prepare an evacuation plan for the villages which are marooned / devastated.
- Prepare a list of transit / temporary shelters, and check upon their suitability for accommodating people.
- Convene meetings of NGOs in the district, and assign them specific responsibilities for relief, recovery and rehabilitation.
- Constitute / activate Village-level Preparedness Committees with the help of local NGOs and District Administration.
- Coordinate with Police, CRPF, BRO and NHPC for support towards rescue, evacuation and relief during disaster.

Preparedness Checklist for District Administration

Sr. No.	Preparedness Measures	Action Taken / Remarks
1.	Update District Disaster Management Plan - Phone numbers, officials, details of offices and facilities	
2.	Check upon communication network: phones, wireless, fax, Internet	
3.	Update flood and road maps of the district.	
4.	Activate District and Sub-divisional Control Rooms. Assign employees to the Control Rooms.	
5.	Check upon availability and deployment of boats; fix the rates for hiring of boats.	
6.	Convene meetings of District Disaster Preparedness Committee	
7.	Convene NGOs' meeting; prepare a list of NGOs with their Functional Specialization and Geographical Coverage.	
8.	Check the Availability of Food Grains in PDS shops.	
9.	Prepare a List of Relief Items for Distribution.	
10.	Fix rates and supplies for relief items.	
11.	Prepare a transport plan for evacuation and distribution of relief.	
12.	Prepare a plan for VIPs' movement.	
13.	Prepare a media plan for dissemination of information to the people of the district; local newspapers, radio, TV and cable.	

2.2 Standard Operating Procedures for the Police

In-charge Officer: Superintendent of Police, Roing.

Preparedness

- Prepare a Deployment Plan for the Police force, based on the needs of the most vulnerable areas. Maintain a list of disaster prone areas in the district.
- Ensure that a sufficient number of police force is available for responding to the flood situation during monsoon.
- Constitute 'Search & Rescue' Teams from the Police force, and arrange training for these units.
- Establish coordination with the Fire Services, Roing.
- Check the wireless communication network, and secure additional wireless sets for deployment during a disaster.
- Check communication links with the District and Sub-divisional Control Rooms.
- Keep the police vehicles and boats in readiness for deployment of the police.
- Identify anti-social elements in the area and take appropriate preventive steps to ensure smooth response and relief operations.

Preparedness Checklist for the Police

Sr. No.	Preparedness Measures	Action Taken Remarks
1	Prepare a deployment plan for police forces	
2	Check the availability and readiness of the search and rescue teams from within the District Police.	
3	Check wireless communication network and set up links with the District Control Room and Sub-divisional Control Rooms; Make additional wireless sets available.	
4	Develop a traffic plan for contingencies arising out of disasters— one-way, blocked ways, alternate routes, and traffic diversion.	
5.	Develop a patrolling plan for critical Bundhs/embankments and marooned villages	
6.	Keep the boats and vehicles available with the Police in readiness.	
7.	Prepare a plan for VIP visits to disaster-affected areas	
8.	Identify anti-social elements that could create nuisance and take suitable preventive action.	

2.3 Standard Operating Procedures for Water Resource Department

In-charge Officer: Executive Engineer, WRD Roing.

Preparedness

- Prepare and update the flood risk map. The map should show the river system, nalas, embankments and irrigation structures. Distribute the copy of maps to all the control rooms.
- Prepare a contingency plan for the maintenance and repairs of Bundhs and embankments.
- Assign 'Beat' to Junior Engineers and other functionaries of the Irrigation Department. Prepare a duty chart for In-charge Junior Engineer. Make available the list of In-charge Junior Engineers to District / Sub-divisional Magistrates, and all the control rooms.
- Make a physical inspection of all the embankments after the last floods for seepage, piping, rat holes and assess needs for repairs and reinforcement. Identify Bundhs, which are critical for flood protection and control.
- Prepare a list of critical Bundhs/embankments, which need repairs and reinforcement after the last floods. Submit a list of these Bundhs/embankments to the District Magistrate and the state government, and ask for necessary financial allocation.
- Commence repairs of Bundhs/embankments in the month of January every year after surveying the damages of floods last year, and ensure that all the repairs are completed in the month of March.
- Provide special attention to those places where the Bundhs/embankments were breached and repaired during the last floods. These are the Bundhs, which will be threatened first, when the floods approach.
- Undertake channel improvement for rivers and nalas. Undertake de-silting / cleaning of Nalas and canals to improve the flow of water.
- Check all the siphons and regulators on the Bundhs/embankments and canals. Clean siphons before the monsoon. Increase their capacity or replace them if the size of siphons and regulators is too small to prevent water from flowing in.
- Check all the rain-gauge stations and ensure that they are functioning properly. Check that the readings from these stations are available immediately to the Water Resource Department. Prescribe a register for recording of rainfall.
- Check the wireless network connecting flood stations and undertake necessary repairs.
- Set up the protocol for exchange of information with Flood Control Division of Dibang Valley District and NHPC.
- Set up the protocol for reporting of flood situation to the District Magistrate / District Control Room.
- Keep in readiness essential tool kits and protection material at critical places for emergency deployment. These may include:

- **Empty cement bags**
 - **Boulders**
 - **Ropes**
 - **Sand**
 - **Wire mesh**
 - **Shovels**
 - **Baskets**
 - **Lights**
- Inform the district administration of the places where these materials have been stored.

Preparedness Checklist for Water Resource Department

S. No.	Preparedness Measures	Action Taken / Remarks
1.	Check the wireless network and ensure that all the flood stations are connected.	
2.	Establish mechanisms for exchange of information with water divisions in Dibang Valley and NHPC.	
3.	Inspect all the embankments, and check their height and slope.	
4.	Check that all the embankments have been repaired/ reinforced, in particular those Bundhs which were damaged during the last floods.	
5.	Check the drainage system of the embankments and ensure that the seepage and rat holes, etc. have been closed.	
6.	Check that all the materials required for protecting Bundhs/embankments have been stored at different places, and a list of these places has been furnished to the district administration.	
7.	Check that the Junior engineers and other staff have been assigned their beats, and all the arrangement for continuous vigilance over these embankments has been made.	
8.	Check that all rain gauge stations are functional, and arrangements have been made to report the readings.	
9.	Check the regulators and siphons. Check that they have been repaired and cleaned, for increasing the flow of water.	
10.	Check all the anti-erosion works, necessary to maintain the Bundhs/embankments.	

2.4 Standard Operating Procedures For Health Department

In-charge Officer: District Medical Officer, Roing.

Preparedness

- Prepare a health contingency plan for the district. It should include a list of civil hospitals, primary health centers and sub-centers, and medical personnel. The contingency plan should also include the details of hospitals and medical practitioners in the private sector.
- Constitute mobile health units consisting of a doctor, health workers and ANMs, and prepare a deployment plan. Each mobile health unit may cover a number of villages.
- Determine types of injuries / illnesses expected. In case of floods, it should mostly be cases of drowning, snake bites, and water-borne diseases.
- Undertake vaccination in the villages most vulnerable to floods.
- Secure medical supplies in adequate quantity for dealing with these situations, which may include:
 - **Oral Rehydration Solutions**
 - **Chlorine Tablets**
 - **Bleaching Powder**
 - **Anti-snake Venom**
 - **Anti diarrheal and Anti emetic Medicines**
 - **Intravenous fluids**
 - **Suture Materials**
 - **Surgical Dressings**
 - **Splints**
 - **Plaster Rolls**
 - **Disposable Needles and Syringes**
 - **Local Antiseptics**
- Ensure adequate supplies of blood in the District.
- Keeps one operating facility in each block in readiness. Maintain all the equipment necessary for operations.
- Prepare a maternity facility for pregnant women in every block.
- Seek mutual aid arrangement with civil and military hospitals in the district.
- Arrange provision of clean water in hospitals and Primary Health Centers.

Preparedness Checklist for Health Department

S. No.	Preparedness Measures	Action Taken / Remarks
1	Prepare a Health Contingency Plan for deployment of health and medical personnel	
2	Organize vaccination in Flood-prone villages	
3.	Ensure necessary stock of medical supplies and blood	
4.	Organize maternity care centers in every block.	
5.	Keep operative facilities in readiness.	
6.	Seek mutual aid arrangement with hospitals in Roing.	

2.5 Standard Operating Procedures for Agriculture Department

In-charge Officer: District Agriculture Officer, Lower Dibang Valleys.

Preparedness

- Ensure that certified seeds of required varieties are available in adequate quantities. The Agriculture Department should work with National Seeds Corporation and other suppliers and ensure availability at their depots or have agents appointed for the same.
- Print and widely distribute the list of points where certified seeds are available along with names of varieties and rates. Notices may be affixed at public places such as bus stands, on buses themselves, PHCs, Block headquarters, etc.
- Suggest variety of seeds and cropping pattern, which can cut losses and reduce the risks to farmers.
- Develop a pest and disease monitoring system so that timely steps can be taken to reduce damage to crops.
- To keep in readiness of their departmental boat/ferry.

Preparedness Checklist for Agriculture

S. No.	Preparedness Measures	Action Taken / Remarks
1.	Check the availability of seeds, and disseminate information about the outlets where seeds can be made available.	
2.	Set up a public information system regarding sowing of crops, alternative crops, pests, and application of fertilizers.	
3.	Prepare a program for spray of pesticides and insecticides after the floods.	

2.6 Standard Operating Procedures For Animal Husbandry

In-charge Officer: District Veterinary Officer, Lower Dibang Valley District

Preparedness

- Prepare a list of flood-related diseases that are preventable by vaccination. Publicize the information about common diseases afflicting livestock and the precautions that need to be taken.
- Assist the District Administration in preparing plans for cattle camps and cattle feeding centers.
- Organize vaccination campaigns in flood-prone villages before, during and after the floods.
- Prepare kits for veterinary diseases, which could be provided to veterinary doctors at the block level and Extension Officers at the village level. Kits can also be provided to the private veterinary doctors.

Preparedness Checklist for Animal Husbandry

S. No.	Preparedness Measures	Action Taken / Remarks
1.	Publicize the list of common ailments during floods and possible precautions.	
2.	Organization of vaccination for cattle in flood-prone villages.	
3.	Prepare a plan for setting up cattle camps and cattle feeding centers.	
4.	Prepare kits which could be given to Veterinary doctors and Animal Husbandry workers.	

2.7 Standard Operating Principles for PHED

In-charge Officer: Executive Engineer, Roing.

Preparedness

- Check all the pumps available with PHED for draining floodwater. All the pumps should be in working condition.
- Survey all the flood-affected villages, and find out where the people had taken shelter. Install hand pumps at all such locations. Check these pumps before the monsoon.
- Increase the height of pipe by adding a pipe of 3 to 10 feet. It helps extract clean drinking water during the floods.
- Keep hand pumps, pipes and sockets in readiness and install them as soon as flood situation arises.
- Protect pump stations from water logging.
- Rain water may be harvested during rainy season for alternative drinking water during flood.

Preparedness Checklist for PHED

Sr. No.	Preparedness Measures	Action Taken / Remarks
1.	Check the condition of pumps for draining floodwater. Ensure pumps are in working condition.	
2.	Protect water supply pumps from water logging.	
3.	Keep hand pumps, pipes and sockets in readiness for installation / increasing the height of pipes.	
4.	Obtain a list of temporary shelters where people took shelter during last floods. Prepare for installation of hand pumps at all such locations.	
5.	Maintain adequate stock of chlorine tablets and bleaching powder.	

2.8 Standard Operating Procedures for Forest Department

In-charge Officer: Divisional Forest Officer, Roing.

Preparedness

- Open the forest land for free grazing when flood waters enter villages, and there is not enough fodder available.
- Allow the transportation of fodder from forest areas, when the fodder is not freely available.
- Provide wooden poles and bamboo for relief and reconstruction at subsidized rate. Provide these materials to all the technical departments, which need them.
- To keep in readiness of Departmental boat/ferry.

2.9 Standard Operating Procedures for Public Works Department

In-charge Officer: Executive Engineer, PWD.

Preparedness

- Clean the area beneath bridges before the monsoon so that floodwaters can flow more freely.
- Maintain all the highways and access roads, which are critical from the point of view of supplying relief.
- Increase the size of bridges, if necessary, so as to prevent breach of roads and Bundhs. Smaller bridges prevent flow of water.
- Construct / reinforce the connecting roads from villages to roads, canals and Bundhs/embankments and raise their level so that people can access the high ground during the floods.
- All equipments ie Bulldozers, Crane, Truck etc. must be checked and keep in readiness for use during disaster.

2.10 Standard Operating Procedures for the Power Department

In-charge Officer: Executive Engineer, Power

Preparedness

- Protect Power Stations from water logging. Raise the height of compound walls. Arrange gunny bags. Install pump sets for draining water.
- Check the electrical lines on a continuous basis. Switch off the power supply, where the lines have tripped. There are many cases of electrocution.
- Provide information to the people about the state of electrical supply. It is one of the most important sources of information.
- Take special care to ensure that all the critical facilities like hospitals, Control Rooms, etc. continue to get power and they are functional.
- Alternative arrangements should be made for emergency services.

2.11 Standard Operating Procedure for Department Of Transportation

In-charge Officer: District Transport Officer.

Preparedness

- Prepare a list of vehicles—trucks, buses, and jeeps—in the district and provide the list to the District Control Room.
- Provide jeeps and other vehicles for mobile health and animal husbandry teams.
- Provide trucks, buses and jeeps for evacuation and relief supplies.
- Issue standing instructions to the Suptd of APST for providing buses for evacuation and relief.

2. Training of Functionaries

The district administration should arrange periodical training programmes for all concerned departments. The programmes may be organized at district headquarters or at Block Headquarters and select officials may be sent training at state/ national training centers. These trained officials should be entrusted to train other lower level officials and panchayat representatives. Training camps may be organized at district level in which experts may be invited from reputed institutes.

4. Simulation exercises/ Mock Drill

Periodic simulation exercises may be carried out to test the preparedness of all concerned role players. Drills may be carried out at various sites. The shortcomings and weaknesses observed during this must be identified and eradicated with proper and timely action.

CHAPTER 4- RESPONSE PLAN

ROLES AND RESPONSIBILITIES:-

The Deputy Commissioner of lower Dibang valley district is the Chairman of DDMC to exercise emergency power in issuing directives to all the departments and to provide emergency response services.

NODAL OFFICER:-

The District Relief & Rehabilitation Officer of Lower Dibang Valley district is the nodal officer vis-à-vis incident command Officer. The success and failure of Disaster Management is purely depend upon the active role played by the Nodal Officer during the time of emergency. His / Her prompt understanding of the situation and initiation of immediate preventive measures will make big difference in prevention of loss of human lives, crops and property damages during the time of disaster. The role and responsibility of Nodal Officer is not only important during emergency but, also critical in before and after occurrence of disaster.

Search and Rescue/ Maintenance of Law & order. :-

Action by :-Superintendent of Police.

- To search and rescue the marooned victims the police personnel including CRPF/other paramilitary forces shall be deployed and to maintained law & order during and after the time of disaster.

Road communications

Action by:-EE, PWD / RWD and OC, BRTF.

- The BRTF, PWD and RWD will initiate early clearance of road blockage by mobilizing local resource and man power. Also removal of debris, demolition of unsafe structures, construction of temporary shelter, temporary bridge including temporary helipad for evacuation of injured.

Drinking Water.:-

Action by :- EE PHED /DRILLING.

- They will initiate action for restoration of clean drinking water supply during and after occurrence of any disaster.
- They will also ensure deployment of departmental vehicles and labourers.

Stock of essential commodities and Air evacuation.

Action by :- DF&CSO

- DF&CSO will ensure sufficient stock of essential commodities during and after occurrence of any kind of disaster. Further he will liaise with the DCA Naharlagun for air lifting of the marooned people.

Mass Media.

Action by :-

DIPRO / DIO , Station Director, AIR(Roing) and local Cable TV Operator,

- Mass communication in time of disaster will be entrusted to DIPRO / DIO. Besides this, there are also TV Transmission Centre, Air Station, and Local Cable TV Operators which may be used during and after the time of occurrence of any disaster.

Volunteers:-

Action by :-DDSE/DFO.

- To assist in rescue, Rehabilitation and in relief camp with the help of School children's / NCC / NSS volunteers/ ALC during disaster.
- In total, all the Committee Members, Public leaders and Senior citizen of the area should give their cooperation to the local administration in mitigating all kind of disaster with man power, Materials and technical knowledge.
- Foresters with their equipments will ensure early warning system in the respective beats through walkie-talkies provided under schemes.
- During fire hazards forester can make use of fire fighting equipments to contain wild and man made fires.

Medical Emergency:-

Action by :- DMO / DDHS(T&R).

- Their assigned duty is to care for the health aspect during and after the occurrence of disaster. It includes First Aid, treatment of Casualties, readiness of ambulance for transportation of serious patient and they should keep sufficient quantities of life saving drugs. They shall also inform all Doctors & Para Medical staff of all CHCs, PHCs,SCs of the district.

Veterinary Care :-

Action by :- DVO

- DVO will ensure setting up of cattle camp providing medicine etc to the affected animals during occurrence of any kind of natural disaster.

Maintenance of cleanliness

Action by :-DD (UD &Housing).

- Cleanliness is one of the major requirements after occurrence of disaster to prevent spread of epidemic and other health hazards. The DD (UD& housing), should kept their manpower / inventory in readiness.
-

Pre-Disaster Response plan:

- Coordinated **IEC activities** should be initiated well in advance.
- **Mock drill** of preparedness should be carried out twice in a year. The mock rehearsal should start from the Control Room. This will help in finding out the preparedness level for the district level functionaries.
- Make separate **plan of operation** and list of required materials, tools machineries for each kind of disaster.
- Train the rescue forces with the equipments and specialize them for the different types of disaster by the experts.
- Train the Panchayat leaders / village volunteers/ Villagers for helping the affected people for the disaster of their concern.
- Half yearly review the stock of men, materials and machineries of all lined departments.
- Approach to SDMA for any kind of assistance to the line departments for up-keepment of their machineries and strengthening the resources.
- **Warning system** through Police Control Room (24x7)DIPRO/AIR/DIO.
- The Incident Command Officer shall organize regular coordination meeting with all DM Committee Members, Head of office, Public leaders, NGO and senior citizen in consultation with the Chairman.
- The Incident Command Officer will liaise with all Head of office, NGO, Public Leaders and other organizations to keep their machineries and manpower in readiness to face occurrence of any type of natural disaster.
- The Incident Command Officer shall keep record of all parameter which might indicate occurrence of any type of natural disaster and intimate the concerned higher authority in weekly / daily basis.
- The RRTs (Medical & Police) will be alerted by the Incident Command Officer.

Emergency support function:

A). Inventory of man power of all departments including NGOs/ SHGs (for officer/supervisors/ skilled workers/ workers separately).

The detail list of man power of all line Deptts. Shown in Annexure II

B). Inventory of machineries.

Sl. no	Name of machinery	Qty	Utility	Source Deptt.	Place of deployment	Contact no
1	Excavator	2	Earth mover	PWD	Dambukh	254572
2	Ferry	4	Water transport	RWD, PWD, PHE, FMC	ROING	55534465 778696752151 151341779999
3	Buses	12	Surface transport	APST	Roing	25425425
4	Helicopters	1	Evacuation of marooned people	DCA	Naharlagun	47766746

C). Inventory of material, tools and equipments of all line Deptts :

Sl. No	Name of tools & equipments	Quantity	Source/ department	Contact no
1	Life jacket	10	APP/SP	2564254
2.	Rope ladders	4	CRPF	2452542
3	Metal ladders	12	Power	563263
4	Fire extinguisher	16	SP	252525
5	First aids	12 kits	DMO	433546
6	Spades, shovels, pick axe etc	200	PWD , Agri, PHED, RWD etc	242571
7	Oxygen cylinders, musk	12	DMO	1443144

Detail list of the Resource inventories of all line Deptt. Given in Annexure I

1. Evacuation Plan:

A) Identification of relief camps/ high lands. Action by DRR

B) Inventory for infrastructures:

Sl.no	Name & Type	Location	Owner with contact no	Capacity/nos
1.	Auditorium	Govt. Hss Roing	Principal 98698913	500
2.	Sports club	Near HS school	DSO (sports) 365365366	600
3	Open ground	VKV school	Principal VKV	1000

During the Disaster.

- Disseminate the warning of disaster from Control Room to all concerned destination in single attempt by using mass sms, announcement through radio, through mass voice mail and ask the people who are likely to be affected, to take shelter in safer places.
- Immediate deploy the forces to clear the route of search & rescue and also to clear the traffic from the route of rescue.
- Command to the forces, NGO, SHG & volunteers to rush immediately to the affected area for search and rescue with all pre-enlisted tools and equipments for particular disaster.
- During the time of occurrence of disaster, the Nodal Officer shall liaise with all Head of office, Public Leaders and others organizations and initiate prompt measures to prevent loss of human lives and property damage.
- The Nodal Officer shall initiate immediate necessary measure for evacuations, organize Search and Rescue teams with consultation with the concerned Member which have been entrusted to this work.
- If necessary, the Nodal Officer will initiate setting up of Relief Camp for the affected people in a safer place and ensure proper supply of safe drinking water, electricity, medical facilities and rations etc. with the help of concerned departments to the relief camp.

Post Disaster.

A Post- disaster evaluation should be done after the withdrawal of relief and rehabilitation activities in order to assess

- The nature of state intervention and support,
- Suitability of the organizational structure,
- Institutional Arrangements,
- Adequacy of Operating Procedures,
- Monitoring mechanism,
- Information tools,
- Equipments,
- Communication System, etc.

The impact studies on the aforesaid operations for long term preventive and mitigation efforts are to be undertaken

Evaluation exercises may be undertaken to understand the perceptions about disaster response in terms of

- Adequacy of training
- Alert and warning system,
- Control Room functions,
- Communication plans,
- Security,
- Containment,
- Recovery procedures,
- Monitoring.

CHAPTER-5

RECOVERY & RECONSTRUCTION PLAN

A. Designated Offices

SI No	Different Levels	Designated Offices
1.	Village Level	School Building/Community Hall/Rehko/Musup
2.	Circle Level	CO Office/ Police Station/School Building
3.	Sub-Divisional Level	SDO Office/Police Station/School Building
4.	District Level	DC Office/SP Office/DOEC/ Police Station/

B. 4-TIER TEAMS

1. Village Level Team

Type	Category of Hazard with the capacity to lead to Disaster	Nodal Agencies	Agencies to assist Nodal Agencies
1	Flood/Cloud Burst/Flash Flood/Land Slide/High Velocity Wind	HGB/GB/Panchayat leaders	All Village Level Committees, All Welfare Associations & Organizations, NGOs, SHGs, Volunteers
2	Fire Accidents including forest fire	HGB/GB/Panchayat leaders	All Village Level Committees, All Welfare Associations & Organizations, NGOs, SHGs, Volunteers
3	Road & Boat Accident	HGB/GB/Panchayat leaders	All Village Level Committees, All Welfare Associations & Organizations, NGOs, SHGs, Volunteers
4	Earthquake	HGB/GB/Panchayat leaders	All Village Level Committees, All Welfare Associations & Organizations, NGOs, SHGs, Volunteers
5	Drought	HGB/GB/Panchayat leaders	All Village Level Committees, All Welfare Associations & Organizations, NGOs, SHGs, Volunteers

NB: The nodal agencies will be responsible to inform about any eventuality to the nearest police stations, WT stations, administrative officers and nodal agencies at Circle, Sub-Divisional and Dist. HQ by quickest means (telephones, mobiles, WT sets, runners)

2. Circle Level Team

Type	Category of Hazard with the capacity to lead to Disaster	Nodal Agencies	Agencies to assist Nodal Agencies
1	Flood/Cloud Burst/Flash Flood/Land Slide/High Velocity Wind	COs/OC police station	AE/JEs of all work departments, BRO,PSUs,MOs,Panchayat leaders, All Welfare Association & Organizations,NGOs,SHGs, Volunteers
2	Fire Accidents including forest fire	COs/OC police station,	AE,JEs of all work departments, BRO, PSUs,MOs,Panchayat leaders,All Welfare Association & Organizations,NGOs,SHGs Volunteers
3	Road & Boat Accident	COs/OC police station,	AE,JEs of all work departments, BRO, PSUs,MOs,Panchayat leaders, All Welfare Association & Organizations,NGOs,SHGs Volunteers,
4	Earthquake	COs/OC police station,	AE/JEs of all work departments, BRO, PSUs,MOs,Panchayat leaders, All Welfare Association & Organizations,NGOs,SHGs Volunteers,
5	Drought	COs/	WRD,PHED, ADO,HDO, MO,VO,GBs,Panchayat leaders All Welfare Association & Organizations,NGOs,SHGs Volunteers,

NB: The nodal agencies will be responsible to inform about any eventuality to the nearest police stations, WT stations, administrative officers and nodal agencies at Sub-Divisional and Dist. HQ by quickest means (telephones, mobiles, WT sets, runners)

3. Sub-Divisional Level Team

Type	Category of Hazard with the capacity to lead to Disaster	Nodal Agencies	Agencies to assist Nodal Agencies
1	Flood/Cloud Burst/Flash Flood/Land Slide/High Velocity Wind	SDO/OC police station	AE/JEs of all work departments, BRO,PSUs,MOs,Panchayat leaders, All Welfare Association & Organizations,NGOs,SHG Volunteers,
2	Fire Accidents including forest fire	SDO/OC police station,	AE/JEs of all work departments, BRO, PSUs,MOs,Panchayat leaders, All Welfare Association & Organizations,NGOs,SHGs Volunteers,
3	Road & Boat Accident	SDO /OC police station,	AE/JEs of all work departments, BRO, PSUs,MOs,Panchayat leaders, All Welfare Association & Organizations,NGOs,SHGs, Volunteers
4	Earthquake	SDO /OC police station,	AE/JEs of all work departments, BRO,PSUs,MOs,Panchayat leaders, All Welfare Association & Organizations,NGOs,SHGs Volunteers,
5	Drought	SDO	WRD,PHED, MO, ADO,HDO, VO, GBs,Panchayat leaders All Welfare Association & Organizations,NGOs/SHGs Volunteers,

NB: The nodal agencies will be responsible to inform about any eventuality to the nearest police stations, WT stations, administrative officers and nodal agencies at Dist. HQ by quickest means (telephones, mobiles, WT sets, and runners)

4. District Level Team

Type	Category of Hazard with the capacity to lead to Disaster	Nodal Agencies	Agencies to assist Nodal Agencies
1	Flood/Cloud Burst/Flash Flood/Land Slide/High Velocity Wind	EE PWD/WRD/	HMP, HMLAs, All HODs, BRO, PSUs, Panchayat leaders, All Welfare Associations & Organizations,NGOs,SHGs Volunteers,
2	Fire Accidents including forest fire	SP/DFO(T/WL)	HMP, HMLAs, All HODs, BRO, PSUs, Panchayat leaders, All Welfare Associations & Organizations,NGOs,SHGs, Volunteers
3	Road & Boat Accident	SP, DMO	HMP, HMLAs, All HODs, BRO, PSUs, Panchayat leaders, All Welfare Associations & Organizations,NGOs,SHGs Volunteers,
4	Earthquake	EE PWD	HMP, HMLAs, All HODs, BRO, PSUs, Panchayat leaders, All Welfare Associations Volunteers & Organizations,NGOs,SHGs,
5	Drought	DAO/DHO	HMP, HMLAs, All HODs, BRO,PSUs, Panchayat leaders, All Welfare Associations & Organizations,NGOs,SHGs, Volunteers

NB: The nodal agencies will be responsible to inform about any eventuality to the Deputy Commissioner/Supdt. of Police by quickest means (FAX, NICNET, telephones, mobiles, WT sets, runners, etc).

C. Grievances Redressal Time Framework Plan

1. Short Term Management (<=90 days)

Type	Category of Hazard with the capacity to lead to Disaster	Activities
1	Flood/Cloud Burst/Flash Flood/Land Slide/High Velocity Wind	Evacuation to safer places (which will include minimum basic amenities including medical facilities), common kitchen, common shelter, construction of temporary shelter and drainages, trauma counseling, Reopen/re-establish all schools, offices and business establishments.
2	Fire Accidents including forest fire	Evacuation to safer places (which will include minimum basic amenities including medical facilities), common kitchen, common shelter, construction of temporary shelters, trauma counselling
3	Road & Boat Accident	Evacuation to nearest medical facility(including air evacuation), regulate traffic movement and mob control, trauma counselling
4	Earthquake	Evacuation to safer places (which will include minimum basic amenities including medical facilities), common kitchen, common shelter, construction of temporary shelters and drainages, trauma counseling, Reopen/re-establish all schools, offices and business establishments.
5	Drought	Organize alternative cropping pattern, counselling

2. Long Term Management (> 90 days to 3 years)

Type	Category of Hazard with the capacity to lead to Disaster	Activities
1	Flood/Cloud Burst/Flash Flood/Land Slide/High Velocity Wind	Construction, repair, maintenance of infrastructures (buildings, roads, bridges, drainages, sewages), retrofitting of old structures; provide awareness, training, capacity building including mock drills. Activate employment generation activities. Reopen/re-establish all schools, offices and business establishments.
2	Fire Accidents including forest fire	Construction, repair, maintenance, regeneration of affected properties. Provide awareness, training, capacity building including mock drills. Activate employment generation activities.
3	Road & Boat Accident	Provide awareness /training, capacity building, traffic regulation, regular mobile courts, Construction/repair/maintenance of affected properties.
4	Earthquake	Construction/repair/maintenance of infrastructures (buildings/roads/bridges/drainages/sewages), retrofitting of old structures, provide awareness /training, capacity building including mock drills. Activate employment generation activities. Reopen/re-establish all schools, offices and business establishments.
5	Drought	Educate people to go for alternative and mixed cropping pattern, provide awareness /training, capacity building, Activate employment generation activities. Counseling, construction of irrigation channels ,drip and sprinkler water irrigation , rain water harvesting, ground water irrigation

D. Charter of Roles & Responsibilities:-

Sl No	Nature of work	Designated Officers	Remark
1.	Supply & distribution of essential commodities and relief items (including requisitioning, rationing, air dropping of food items)	ADC, SDO(Hq),DySP,DFCSO, DRRO	SDO will head the team at Sub-Divisional level and CO will head the team at circle level
2.	Health education, First Aid, Supply of Medicine	ADC, SDO(Hq), DMO	
3.	Water Supply & Sanitation and awareness generation	EAC(Jud), EE, PHED	
4.	Arrangement of Power Supply	EAC(Jud), EE, Power	
5.	Arrangement of Clothing	EAC(GA), ADTH	
6.	Arrangement of Shelter	EAC Nazarath, DDSE/ HM/ PRI members, Designated emergency centres to be notified by Dist Administration	
7.	Arrangement of Transport ,Ferry and air sorties/evacuations	EAC MV,DMO SS-APST,DF&CSO	
8.	Employment generation-urban area	DD (UD), DL&EO	
9.	Employment generation-rural area	PD(DRDA), BDOs, DL&EO	
10.	Repair/ reconstruction/ renovation of infrastructures (buildings, bridges, roads, drainages, sewages, power supply, water supply etc)	BRO, EE (PWD,RWD,WRD, Power,HPD, E&M,PHED, Drilling), PD,DD(UD),PSUs	
11.	Maintenance of Law & Order	DC, SP,EAC(J) OCs	
12.	Trauma Counselling	DMO, Administrative officers NGOs	
13.	Resource/Fund Mobilization	DC, All HODs	
14.	Damage & Loss Assessment Team	To be constituted by District Administration	
15.	Collection and Dissemination of Information	,SP,DIO,DIPRO,Local Media, Spoke Person will be designated by District Administration	
16.	Re-opening and re-establishment of all offices, institutions and business establishment	District Administration, All HODs, Public representatives Panchayat members, Public Leaders ,All Welfare Association & Organizations,NGOs,SHGs Volunteers,	

E. Important Contact Numbers

1. Emergency Services Contact Numbers

a. Circle Level

	District Police Control Room	222228
	Police Station	222229/100
	Fire Station	101
	District Hospital	222253
	DEOC	

b. Sub-Division Level

	District Police Control Room	222228
	Police Station	222229/100
	Fire Station	101
	District Hospital	222253
	DEOC	

c. District Level

	District Police Control Room	222228
	Police Station	222229/100
	Fire Station	101
	District Hospital	222253
	DEOC	

2. Important Official Contact and Private Institution Nos.

LIST OF TELEPHONE/MOBILE NUMBERS

Sl.No.	Name	Designation	Office	Residence	Mobile
1	Mrs. Garima Gupta,IAS	DC	222223/380(f)	222222	9436048002
2	SHri Veeru Bansal,IPS	SP	222208	222209	9436048006
3	Shri W.Tikhak	ADC	222227	222513	9436046568
4	Shri A.Pertin	SDO	222636	222581/746	9436048238
5	Shri M.Pertin	EAC	222548	222873	9436054383
6	Shri.M.Tato	EAC	222679	222334	9436254952
7	Smti S.Yirang	EAC		222751	9436229286
8	Smt. R.Tayeng	EAC			9436048208
9	SMT N.K.Namchum	EAC			9436051629
10	Smti Jalley Umpo,	CO	222225	223958	9436259329 9436222202
11	Sri J.N.Rai Sri S.K.Jenka	DSP, OC	222272, 222229	222213, 222204	9436836093, 9436836488,
12	Shri K.Rime	DFO(W/L)	222408	223345	9436631040,
13	Shri M.Riba	DFO (T)	222249	222255	9436052133
14	Shri.D.Tado	PD (DRDA)	223304/05	223916	9436047331
15	Er.J.Khimem	EE (E)	222261	222263	9436057040
16	Er. D.Sitek	EE (RWD)	222226	222309	9436058901
17	Er. Subath Pertin	EE (PHED)	222953	222751	9436049584
18	Er.K.B.Pandey	EE (WRD)	222291	222708	9436042132
19	Er.M.Borang	EE (PWD)	222356	223329	9436043988
20	Er.A.S.Wangpan	EE ,DRILLING	223995	223979	943048024
21	Er. Nayan Jyoti Burman	EE (B/P)	223246	222736	9435301372
22	Sri V.K.Rattan Sri Rajmal	GM,NHPC Chief Er.NHPC	222002 223038	223938	9436637243
23	Dr.A.Yirang	DMO	222444	222449	9436631434
24	Dr.T.Megu	FAO	222224	222747	9436238086
25	Shri Rakesh Tacho	i/c SDO, Hunli	233202	222734	9436048162
26	Shri D.Tali,	SDO, Dambuk	263213	263203	9436256531
27	Shri Iving Yirang	BDO,Dambuk			9436043742
28	Shri T.Mibang	CO, Paglam	262675	9862631510	9612249166
29	Smt. Jally Umpo	CO, Koronu		9436222202	9436259329
30	Miss Rani Mibang	CO,Hunli	223620		9436230154
31	Shri.Rakesh Tacho	CO,Desali			9436836348
32	Dr.M.C.Gogoi	SMO	222716	223320	9436048022
33	Dr. S.M.R.Singh	SMO		222617	9426227833

34	Dr.M.Linggi	SMO		223267	9436048659
35	Dr. (Mrs) L.Chuki	SMO		223367	9436045288
36	Dr.F.Rahman	SMO		22437	9436226369
37	Dr. Ista Pulu	SMO		222624	9436048355
38	Dr.M. Basar	SMO	223326	222251	9436048582
39	Dr.S.J.Mitapo	SMO		222669	9436048357
40	Dr. (Mrs) J.K.Deori	SMO		222543	9436048480
41	Dr. O.Mega	SMO			9436226893
42	Dr. N.Yirang	SMO		223430	9436048274
43	Shri M.Dirchi	DPO	222072	222581/746	
44	Shri T.Angu	DHO- 223930	222731(f)	223004	9402910192
45	Shri T. Basar, Shri Andeng Tayeng	DAO ADO	222409	222218	9436636408 9436048036
46	Shri P.Arangam	DDI	222419	222307	09206147410
47	Dr. V.K. Sehgal	DVO	222413	223959/222322	9436095632
48	Shri.T.Tatak	DDSE	223446	223445	9436057660
49	Shri Abu Saring	DAEO	222345	222364	9436048555
50	Shri Ajay Saring	DIPRO	222093		9436836222
51	Shri Y. Linggi	DIO	222619		9436251835
52	Sri A.Pertin	I/c DTO(Tpt.)	222054	9436677655	9436054383
53	Shri Taku Karu	DF &CSO	222575	222340	9436630668
54	Shri K.Tapak	DTO(Tourism)		262827	9436258523
55	Shri.K.Tayeng	DRO	222429	222824	9436058281
56	Shri O.Lego	DLIO	223464	223444	
57	Shri Alokong Perme,	DDMO,			9436046786
58	Shri Dayum Dabi	DFDO	222313	222316	9436043402
59	Shri Gogoi Linggi	DACO	222202	205205	9436250482
60	Smt.Gulapsi Manyu	BDO	222488	9436639629	9862810456
61	Shri Okan Sitek	Sub Treasury Officer	222339	223919	9612270123
62	Shri M.Pertin (EAC)	i/cLRSO	223985		9436054383
63	Shri Kabom Zirido	Supdt (T&E)	223039	223155	9436044002
64	Shri H.H. Atung	AC(LM)	222457	222006	9436048520
65	Shri C.N. Mantse	ARCS	222254	222304	9436259760
66	Smti Sabitry Khamti	Dy.Director(ICDS)	222043		9436048253
67	Smt. Nelo Umbrey	CDPO	222310		9436226820
68	Shri Riya Puwak	Dy.Director ,UD	223050	222190	

69	Er. Amping Megu	PO, APEDA	222123	223883	9402060426 9402476401
70	Shri T.J. Ramesha	P/Cor.KVK	223997		
71	Shri R.Keche	SST (APST)	222471	205491	9436048138
72	Shri A.Pertin	ADTH	222531	223168	9436048012
73	Shri Rokom Tayeng, Smti Ome Taggu,	DL & EO AEO	222280	222541	9436691808 9862173143
74	Shri Raju Mipi Shri B.C Das	Dist.Sports Officer, Football Coach	222935		9436048665, 9436048563
75	Shri Ajoy Kumar	OC, BRTEF	222273	222771	9436635183
76	Shri R.K Sharma	OC, D/186 Bn. CRPF	222817		9612421560
77	Shri B.C. Mahanty	OC, SIB	222230	222230	9435679483
78	APP Bn.		223073		
79	Shri H.Rai	SDO (T)BSNL	222555	222500	9436048999
80	Shri J.Das	BM (SBI)	22240	222250	9436630174
81	Shri J.PSingh	BM (Apex)	222267	222353	9436049209
82	Shri S.K.Paul	MD, DV LAMP	222234	222461	
83	Shri T.Tamut	Insp. Stat	223499	223450	
84	Shri J. Linggi	AMDO		222076	9436048599
85	Smti Sujan Krisiko	CDPO, Hunli			9436251023
86	Shri Toni Borang	CDPO,Dambuk			9402063315
87	Shri Nani Sah	Prnl (FTI)	222468	222482	9436227247
88	Shri Oduk Tabing	Prnl (DIET)	223262	223263	9436053441
89	Shri Subash Pertin	Prnl (ITI)	222266	222728	9862161934 9402476238
90	Smti Rita Raj	Prnl (VKV)	222481	222374	
91	Shri S.Stephen Jeyaraj	Prnl(JNV)	222421		9436229642
92	Shri Roy Joseph	Prnl (Divine)	222836		9436048628
93	Shri L Prasad	Prnl (KV)	223403		9612539464
94	Smti D.Lego	Prnl (GHSS)	222243	262615	9436633990
95	Shri T. Kumaresan	Prnl (IPS)	223611		9436226870
96	Smt. Manju Phukan	Prnl (LRS)	222533		9436692774
97	Shri U.Pertin	Prnl.GHSSBolung	262604		
98	Shri B.Yirang	Prnl.GHSS,DBK			9436056786
99	Shri L. Ete	AE (E)	222257	223406	9436048315
100	Mrs.O Apum	AE(Hydro Power)	222601		9436255106
101	Shri L.Loyi	JE(Hydro Power)			9436675505
102	Shri Y.D.Drivedi	AE (E &M))	222601	223854	9436630572
103	Shri J. Angu	AE (RWD)	222547	223585	9436052187

104	Er.Maga Taso	AE(WRD)			9436059200
105	Shri S.A.Borah	ASW (WRD)	223447	223447	
106	Shri O. Yirang	AE (PHED)	222305	222256	9436048463
107	Shri Okep Dai	AE (PWD-I)	222239	222241	9436048044
108	Shri Hibu Tade	AE (PWD-II)	222238		9862860608
109	Shri S.Choudhury	ASW (PWD)			9436048554
110	Shri RR Tripathy	JE(Maint.)PWD			9862856996
111	POLICE STATION		222229/100		
112	K.S singhera,SI i/c SHANTIPUR CHECK GATE		262516		09707891971, 9436255891
113	FIRE STATION		101/222203		
114	HOSPITAL		222253		
115	GAS AGENCY		222405		
116	TELEPHONE ENQUIRY		197/222200		
117	POWER HOUSE		222205		
118	HYDEL		222336		
119	Shri S.C Deori	POST OFFICE	222283		9436255771
120	CIRCUIT HOUSE		222247		
121	DIST. COURT		222948		
122	COURT BRANCH		222948		
123	AIR BUS COUNTER		222770		
124	NIRJULI COUNTER		223268		
125	TRINETRA		223372		
126	SHIVA TRAVEL		223929		
127	CHETIA TRAVEL		223929		
128	MIMU HOTEL		222698		
129	LASA HOTEL		222622		
130	APST		222471		
131	PULU PHARMACY		222386		
132	PUNJAB STUDIO		222337		
133	ENJALO STUDIO		223671		
134	MIHI NEWSPAPER CENTRE		222730		
135	ROING TIMES		223868		9436237740
136	VERACITY				9436677416
137	EJE BREEZ TOWER		222528		

138	SALLY LAKE		223061		
139	HIMALAYAN BEVERAGE		222207		
140	PERTIN WINE SHOP		222399		
141	Election Office		222264	223521(DEO)	223517(ERO)
142	Anchal Samity office		222604		
143	P.A.to DC		222223	222965	9612384272
144	C.A.to DC		222380	222473	9436054479
145	K.Bapur,H/A		222244	222745	9436226574
146	Mayudia filling station		222407		
147	W/T		222228		

**ALL DEPTT. RESOURCE
INVENTORIES**

**RURAL WORK
DEPARTMENT:**

Resource type	Details	Roing	Koronu	Hunli	Desali	Dambuk	Paglam
Transportation and Communication	Gypsy	2	-	1	-	-	-
	Bolero	-	-	-	-	-	-
	Scorpio	-	-	-	-	-	-
	Mohindra Max	-	-	-	-	-	-
	Utility Vehicle	-	-	-	-	-	-
	Tata Sumo	-	-	-	-	-	-
	Mini Truck	1	-	-	-	-	-
	Truck	1	-	-	-	-	-
	Tractor	8	-	-	-	-	-
	Bus	-	-	-	-	-	-
	Excavator	1	-	-	-	-	-
	Bull Dozer	1	-	-	-	-	-
	Road Roller	1	-	-	-	-	-
	Ambulance	-	-	-	-	-	-
	Mobile Medical Units	-	-	-	-	-	-

	Boats	1	-	-	-	-	-
	Any other	-	-	-	-	-	-
Containers	Tankers	-	-	-	-	-	-
	Overhead tank	-	-	-	-	-	-
	Jerry canes	-	-	-	-	-	-
Cleaning and cutting equipments	Gaiti	-	-	-	-	-	-
	Kudal	-	-	-	-	-	-
	Sabal	-	-	-	-	-	-
	Rope	-	-	-	-	-	-
	Big saw	-	-	-	-	-	-
Other Resources	Gen set	-	-	-	-	-	-
	Pump set	-	-	-	-	-	-
	Gas light	-	-	-	-	-	-
	Solar light	-	-	-	-	-	-
	Biogas	-	-	-	-	-	-
Temporary Shelter	Tents	-	-	-	-	-	-
	Tarpaulins/Palythenes	-	-	-	-	-	-
	Bamboo	-	-	-	-	-	-
	Other, if any	-	-	-	-	-	-

**PUBLIC WORK
DEPARTMENT:**

Resource type	Details	Roing	Koronu	Hunli	Desali	Dambuk	Paglam
Transportation and Communication	Gypsy	3	-	1	-	1	-
	Bolero	1	-	-	-	-	-
	Scorpio	-	-	-	-	-	-
	Mohindra Max	-	-	-	-	-	-
	Utility Vehicle	-	-	-	-	-	-

	Tata Sumo	-	-	-	-	-	-
	Mini Truck	-	-	-	-	-	-
	Truck	1	-	1	-	1	-
	Tractor	1	-	-	-	3	-
	Bus	-	-	-	-	-	-
	Excavator	-	-	-	-	1	-
	Bull Dozer	-	-	1	-	-	-
	Road Roller	1	-	-	-	5	-
	Ambulance	-	-	-	-	-	-
	Mobile Medical Units	-	-	-	-	-	-
	Boats	1	-	-	-	-	-
	Any other	-	-	-	-	-	-
Containers	Tankers	-	-	-	-	-	-
	Overhead tank	-	-	-	-	-	-
	Jerry canes	-	-	-	-	-	-
Cleaning and cutting equipments	Gaiti	-	-	-	-	-	-
	Kudal	-	-	-	-	-	-
	Sabal	-	-	-	-	-	-
	Rope	-	-	-	-	-	-
	Big saw	-	-	-	-	-	-
Other Resources	Gen set	1	-	-	-	-	-
	Pump set	-	-	-	-	7	-
	Gas light	-	-	-	-	-	-
	Solar light	-	-	-	-	-	-
	Vibrator	-	-	-	-	3	-
	Concrete mixture Machine	-	-	-	-	1	-

Temporary Shelter	Tents	-	-	-	-	-	-
	Tarpaulins/Palythenes	-	-	-	-	-	-
	Bamboo	-	-	-	-	-	-
	Other, if any	-	-	-	-	-	-

WATER RESOURCE DEPARTMENT

Resource type	Details	Roing	Koronu	Hunli	Desali	Dambuk	Paglam
Transportation and Communication	Gypsy	1	-	-	-	1	-
	Bolero	1	-	-	-	-	-
	Scorpio	-	-	-	-	-	-
	Mohindra Max	-	-	-	-	-	-
	Utility Vehicle	-	-	-	-	-	-
	Tata Sumo	-	-	-	-	-	-
	Mini Truck	-	-	-	-	-	-
	Truck	-	-	-	-	-	-
	Tractor	-	-	-	-	-	-
	Bus	-	-	-	-	-	-
	Excavator	-	-	-	-	1	-
	Bull Dozer	-	-	-	-	-	-
	Road Roller	-	-	-	-	-	-
	Ambulance	-	-	-	-	-	-
	Mobile Medical Units	-	-	-	-	-	-
Boats	-	-	-	-	-	-	
Any other	-	-	-	-	-	-	
Containers	Tankers	-	-	-	-	-	-

	Overhead tank	-	-	-	-	-	-
	Jerry canes	-	-	-	-	-	-
Cleaning and cutting equipments	Pick Axe	85	-	-	-	-	-
	Filling Axe	16	-	-	-	-	-
	Hammer	4	-	-	-	-	-
	Jumper	75	-	-	-	-	-
	Spade (Kudal)	153	-	-	-	-	-
	Shovel	126	-	-	-	-	-
	Rope	-	-	-	-	-	-
	Big saw	-	-	-	-	-	-
Other Resources	Gen set	1	-	-	-	-	-
	Pump set	-	-	-	-	-	-
	Gas light	-	-	-	-	-	-
	Solar light	-	-	-	-	-	-
	Vibrator	-	-	-	-	-	-
	Concrete mixture Machine	-	-	-	-	-	-
Temporary Shelter	Tents	-	-	-	-	-	-
	Tarpaulins/Polythenes	-	-	-	-	4	-
	Bamboo	-	-	-	-	-	-
	Other, if any	-	-	-	-	-	-

PUBLIC HEALTH ENGINEERING DEPARTMENT

Resource type	Details	Roing	Koronu	Hunli	Desali	Dambuk	Paglam
Transportation and	Gypsy	-	-	-	-	-	-
	Bolero	-	-	-	-	-	-

Communication	Scorpio	-	-	-	-	-	-
	Mohindra Max	-	-	-	-	-	-
	Utility Vehicle	-	-	-	-	-	-
	Tata Sumo	-	-	-	-	-	-
	Mini Truck	1	-	-	-	-	-
	Truck	-	-	-	-	-	-
	Tractor	1	-	-	-	-	-
	Bus	-	-	-	-	-	-
	Excavator	-	-	-	-	-	-
	Bull Dozer	-	-	-	-	-	-
	Road Roller	-	-	-	-	-	-
	Ambulance	-	-	-	-	-	-
	Mobile Medical Units	-	-	-	-	-	-
	Boats	-	-	-	-	-	-
	Any other	-	-	-	-	-	-
Containers	Tankers	-	-	-	-	-	-
	Overhead tank	1	-	-	-	-	-
	Jerry canes	-	-	-	-	-	-
Cleaning and cutting equipments	Pick Axe	22	-	-	-	-	-
	Filling Axe	-	-	-	-	-	-
	Hammer	-	-	-	-	-	-
	Jumper	15	-	-	-	-	-
	Spade (Kudal)	20	-	-	-	-	-
	Shovel	20	-	-	-	-	-
	Rope	-	-	-	-	-	-
	Big saw	-	-	-	-	-	-

Other Resources	Gen set	-	-	-	-	-	-
	Pump set	10	-	-	-	-	-
	Gas light	-	-	-	-	-	-
	Solar light	-	-	-	-	-	-
	Vibrator	-	-	-	-	-	-
	Concrete mixture Machine	-	-	-	-	-	-
	Pipe Wrenches	97	-	-	-	-	-
	Chain Wrenches	10	-	-	-	-	-
Temporary Shelter	Tents	-	-	-	-	-	-
	Tarpaulins/Polythenes	-	-	-	-	-	-
	Bamboo	-	-	-	-	-	-
	Other, if any	-	-	-	-	-	-

DISTRICT MEDICAL OFFICER

Resource type	Details	Roing	Koronu	Hunli	Desali	Dambuk	Paglam
Transportation and Communication	Gypsy	2	-	-	-	-	-
	Bolero	-	-	-	-	-	-
	Scorpio	-	-	-	-	-	-
	Mohindra Max	-	-	-	-	-	-
	Utility Vehicle	-	-	-	-	-	-
	Tata Sumo	1	-	-	-	-	-
	Mini Truck	1	-	-	-	-	-
	Truck	-	-	-	-	-	-
	Tractor	-	-	-	-	-	-
	Mini Bus	1	-	-	-	-	-

	Excavator	-	-	-	-	-	-
	Bull Dozer	-	-	-	-	-	-
	Road Roller	-	-	-	-	-	-
	Ambulance	4	-	1	-	1	1
	Mobile Medical Units	2	-	-	-	-	-
	Boats	-	-	-	-	-	-
	Any other	-	-	-	-	-	-
Containers	Tankers	-	-	-	-	-	-
	Overhead tank	-	-	-	-	-	-
	Jerry canes	-	-	-	-	-	-
Cleaning and cutting equipments	Pick Axe	-	-	-	-	-	-
	Filling Axe	-	-	-	-	-	-
	Hammer	-	-	-	-	-	-
	Jumper	-	-	-	-	-	-
	Spade (Kudal)	-	-	-	-	-	-
	Shovel	-	-	-	-	-	-
	Rope	-	-	-	-	-	-
	Big saw	-	-	-	-	-	-
Other Resources	Gen set	-	-	-	-	-	-
	Pump set	-	-	-	-	-	-
	Gas light	-	-	-	-	-	-
	Solar light	-	-	-	-	-	-
	Vibrator	-	-	-	-	-	-
	Concrete mixture Machine	-	-	-	-	-	-
	Pipe Wrenches	-	-	-	-	-	-
	Chain Wrenches	-	-	-	-	-	-

Temporary Shelter	Tents	-	-	-	-	-	-
	Tarpaulins/Polythenes	-	-	-	-	-	-
	Bamboo	-	-	-	-	-	-
	Other, if any	-	-	-	-	-	-

INDUSTRIAL TRAINING INSTITUTE

Resource type	Details	Roing	Koronu	Hunli	Desali	Dambuk	Paglam
Transportation and Communication	Gypsy	1	-	-	-	-	-
	Bolero	-	-	-	-	-	-
	Scorpio	-	-	-	-	-	-
	Mohindra Max	-	-	-	-	-	-
	Utility Vehicle	-	-	-	-	-	-
	Tata Sumo	-	-	-	-	-	-
	Mini Truck	2	-	-	-	-	-
	Truck	-	-	-	-	-	-
	Tractor	1	-	-	-	-	-
	Bus	-	-	-	-	-	-
	Excavator	-	-	-	-	-	-
	Bull Dozer	-	-	-	-	-	-
	Road Roller	-	-	-	-	-	-
	Ambulance	-	-	-	-	-	-
	Mobile Medical Units	-	-	-	-	-	-
Boats	-	-	-	-	-	-	

	Any other	-	-	-	-	-	-
Containers	Tankers	-	-	-	-	-	-
	Overhead tank	-	-	-	-	-	-
	Jerry canes	-	-	-	-	-	-
Cleaning and cutting equipments	Pick Axe	-	-	-	-	-	-
	Filling Axe	-	-	-	-	-	-
	Hammer	-	-	-	-	-	-
	Jumper	-	-	-	-	-	-
	Spade (Kudal)	-	-	-	-	-	-
	Shovel	-	-	-	-	-	-
	Rope	-	-	-	-	-	-
	Big saw	-	-	-	-	-	-
Other Resources	Gen set	-	-	-	-	-	-
	Pump set	-	-	-	-	-	-
	Gas light	-	-	-	-	-	-
	Solar light	-	-	-	-	-	-
	Vibrator	-	-	-	-	-	-
	Concrete mixture Machine	-	-	-	-	-	-
	Pipe Wrenches	-	-	-	-	-	-
	Chain Wrenches	-	-	-	-	-	-
Temporary Shelter	Tents	-	-	-	-	-	
	Tarpaulins/Polythenes	-	-	-	-	-	
	Bamboo	-	-	-	-	-	
	Other, if any	-	-	-	-	-	

DISTRICT FISHERY DEV. OFFICER

Resource type	Details	Roing	Koronu	Hunli	Desali	Dambuk	Paglam
Transportation and Communication	Gypsy	1	-	-	-	-	-
	Bolero	-	-	-	-	-	-
	Scorpio	-	-	-	-	-	-
	Mohindra Max	-	-	-	-	-	-
	Utility Vehicle	-	-	-	-	-	-
	Tata Sumo	-	-	-	-	-	-
	Mini Truck	-	-	-	-	-	-
	Truck	-	-	-	-	-	-
	Tractor	-	-	-	-	-	-
	Bus	-	-	-	-	-	-
	Excavator	-	-	-	-	-	-
	Bull Dozer	-	-	-	-	-	-
	Road Roller	-	-	-	-	-	-
	Ambulance	-	-	-	-	-	-
	Mobile Medical Units	-	-	-	-	-	-
Boats	1	-	-	-	-	-	
Any other	-	-	-	-	-	-	
Containers	Tankers	-	-	-	-	-	-
	Overhead tank	-	-	-	-	-	-
	Jerry canes	-	-	-	-	-	-
Cleaning and cutting equipments	Pick Axe	-	-	-	-	-	-
	Filling Axe	-	-	-	-	-	-
	Hammer	-	-	-	-	-	-
	Jumper	-	-	-	-	-	-

	Spade (Kudal)	-	-	-	-	-	-
	Shovel	-	-	-	-	-	-
	Rope	-	-	-	-	-	-
	Big saw	-	-	-	-	-	-
Other Resources	Gen set	-	-	-	-	-	-
	Pump set	-	-	-	-	-	-
	Gas light	-	-	-	-	-	-
	Solar light	-	-	-	-	-	-
	Vibrator	-	-	-	-	-	-
	Concrete mixture Machine	-	-	-	-	-	-
	Pipe Wrenches	-	-	-	-	-	-
	Chain Wrenches	-	-	-	-	-	-
Temporary Shelter	Tents	-	-	-	-	-	-
	Tarpaulins/Polythenes	-	-	-	-	-	-
	Bamboo	-	-	-	-	-	-
	Other, if any	-	-	-	-	-	-

DISTRICT HORTICULTURE OFFICER

Resource type	Details	Roing	Koronu	Hunli	Desali	Dambuk	Paglam
Transportation and Communication	Gypsy	1	-	-	-	-	-
	Bolero	-	-	-	-	-	-
	Scorpio	-	-	-	-	-	-
	Mohindra Max	-	-	-	-	-	-
	Utility Vehicle	-	-	-	-	-	-

	Tata Sumo	-	-	-	-	-	-
	Mini Truck	1	-	-	-	-	-
	Truck	1	-	-	-	-	-
	Tractor	1	-	-	-	-	-
	Bus	-	-	-	-	-	-
	Excavator	-	-	-	-	-	-
	Bull Dozer	-	-	-	-	-	-
	Road Roller	-	-	-	-	-	-
	Ambulance	-	-	-	-	-	-
	Mobile Medical Units	-	-	-	-	-	-
	Boats	-	-	-	-	-	-
	Any other	-	-	-	-	-	-
Containers	Tankers	-	-	-	-	-	-
	Overhead tank	-	-	-	-	-	-
	Jerry canes	-	-	-	-	-	-
Cleaning and cutting equipments	Pick Axe	-	-	-	-	-	-
	Filling Axe	-	-	-	-	-	-
	Hammer	-	-	-	-	-	-
	Jumper	-	-	-	-	-	-
	Spade (Kudal)	5	-	-	-	-	-
	Shovel	5	-	-	-	-	-
	Rope	-	-	-	-	-	-
	Big saw	-	-	-	-	-	-
	Plastic Crates	5	-	-	-	-	-
Other Resources	Gen set	-	-	-	-	-	-
	Pump set	-	-	-	-	-	-

	Gas light	-	-	-	-	-	-
	Solar light	-	-	-	-	-	-
	Vibrator	-	-	-	-	-	-
	Concrete mixture Machine	-	-	-	-	-	-
	Pipe Wrenches	-	-	-	-	-	-
	Chain Wrenches	-	-	-	-	-	-
Temporary Shelter	Tents	-	-	-	-	-	-
	Tarpaulins/Polythenes	-	-	-	-	-	-
	Bamboo	-	-	-	-	-	-
	Other, if any	-	-	-	-	-	-

DEPUTY DIRECTOR OF INDUSTRIES

Resource type	Details	Roing	Koronu	Hunli	Desali	Dambuk	Paglam
Transportation and Communication	Gypsy	1	-	-	-	-	-
	Bolero	-	-	-	-	-	-
	Scorpio	-	-	-	-	-	-
	Mohindra Max	-	-	-	-	-	-
	Utility Vehicle	-	-	-	-	-	-
	Tata Sumo	-	-	-	-	-	-
	Mini Truck	-	-	-	-	-	-
	Truck	-	-	-	-	-	-
	Tractor	-	-	-	-	-	-
	Bus	-	-	-	-	-	-
	Excavator	-	-	-	-	-	-

	Bull Dozer	-	-	-	-	-	-
	Road Roller	-	-	-	-	-	-
	Ambulance	-	-	-	-	-	-
	Mobile Medical Units	-	-	-	-	-	-
	Boats	-	-	-	-	-	-
	Any other	-	-	-	-	-	-
Containers	Tankers	-	-	-	-	-	-
	Overhead tank	-	-	-	-	-	-
	Jerry canes	-	-	-	-	-	-
Cleaning and cutting equipments	Pick Axe	-	-	-	-	-	-
	Filling Axe	-	-	-	-	-	-
	Hammer	-	-	-	-	-	-
	Jumper	-	-	-	-	-	-
	Spade (Kudal)	-	-	-	-	-	-
	Shovel	-	-	-	-	-	-
	Rope	-	-	-	-	-	-
	Big saw	-	-	-	-	-	-
	Plastic Crates	-	-	-	-	-	-
Other Resources	Gen set	-	-	-	-	-	-
	Pump set	-	-	-	-	-	-
	Gas light	-	-	-	-	-	-
	Solar light	-	-	-	-	-	-
	Vibrator	-	-	-	-	-	-
	Concrete mixture Machine	-	-	-	-	-	-
	Pipe Wrenches	-	-	-	-	-	-
	Chain Wrenches	-	-	-	-	-	-

Temporary Shelter	Tents	-	-	-	-	-	-
	Tarpaulins/Polythenes	-	-	-	-	-	-
	Bamboo	-	-	-	-	-	-
	Other, if any	-	-	-	-	-	-

DISTRICT PLANNING OFFICER

Resource type	Details	Roing	Koronu	Hunli	Desali	Dambuk	Paglam
Transportation and Communication	Gypsy	1	-	-	-	-	-
	Bolero	-	-	-	-	-	-
	Scorpio	-	-	-	-	-	-
	Mohindra Max	-	-	-	-	-	-
	Utility Vehicle	-	-	-	-	-	-
	Tata Sumo	-	-	-	-	-	-
	Mini Truck	-	-	-	-	-	-
	Truck	-	-	-	-	-	-
	Tractor	-	-	-	-	-	-
	Bus	-	-	-	-	-	-
	Excavator	-	-	-	-	-	-
	Bull Dozer	-	-	-	-	-	-
	Road Roller	-	-	-	-	-	-
	Ambulance	-	-	-	-	-	-
	Mobile Medical Units	-	-	-	-	-	-
Boats	-	-	-	-	-	-	

	Any other	-	-	-	-	-	-
Containers	Tankers	-	-	-	-	-	-
	Overhead tank	-	-	-	-	-	-
	Jerry canes	-	-	-	-	-	-
Cleaning and cutting equipments	Pick Axe	-	-	-	-	-	-
	Filling Axe	-	-	-	-	-	-
	Hammer	-	-	-	-	-	-
	Jumper	-	-	-	-	-	-
	Spade (Kudal)	-	-	-	-	-	-
	Shovel	-	-	-	-	-	-
	Rope	-	-	-	-	-	-
	Big saw	-	-	-	-	-	-
	Plastic Crates	-	-	-	-	-	-
Other Resources	Gen set	-	-	-	-	-	-
	Pump set	-	-	-	-	-	-
	Gas light	-	-	-	-	-	-
	Solar light	-	-	-	-	-	-
	Vibrator	-	-	-	-	-	-
	Concrete mixture Machine	-	-	-	-	-	-
	Pipe Wrenches	-	-	-	-	-	-
	Chain Wrenches	-	-	-	-	-	-
Temporary Shelter	Tents	-	-	-	-	-	-
	Tarpaulins/Polythenes	-	-	-	-	-	-
	Bamboo	-	-	-	-	-	-
	Other, if any	-	-	-	-	-	-

ELECTRICAL DIVISION ROING

Resource type	Details	Roing	Koronu	Hunli	Desali	Dambuk	Paglam
Transportation and Communication	Gypsy	1	-	-	-	-	-
	Bolero	2	-	-	-	-	-
	Scorpio	1	-	-	-	-	-
	Mohindra Max	-	-	-	-	-	-
	Utility Vehicle	-	-	-	-	-	-
	Tata -407	1	-	-	-	-	-
	Mini Truck	-	-	-	-	-	-
	Truck	-	-	-	-	-	-
	Tractor	-	-	-	-	-	-
	Bus	-	-	-	-	-	-
	Excavator	-	-	-	-	-	-
	Bull Dozer	-	-	-	-	-	-
	Road Roller	-	-	-	-	-	-
	Ambulance	-	-	-	-	-	-
	Mobile Medical Units	-	-	-	-	-	-
	Boats	-	-	-	-	-	-
Any other	-	-	-	-	-	-	
Containers	Tankers 2000 Ltrs	1	-	-	-	-	-
	Overhead tank	-	-	-	-	-	-
	Jerry canes	-	-	-	-	-	-
Cleaning and cutting equipments	Pick Axe	-	-	-	-	-	-
	Filling Axe	-	-	-	-	-	-
	Hammer	-	-	-	-	-	-

	Jumper	-	-	-	-	-	-
	Spade (Kudal)	-	-	-	-	-	-
	Shovel	-	-	-	-	-	-
	Rope pully	3	-	-	-	-	-
	Big saw	-	-	-	-	-	-
	Plastic Crates	-	-	-	-	-	-
Other Resources	Gen set	-	-	-	-	-	-
	Pump set	-	-	-	-	-	-
	Gas light	-	-	-	-	-	-
	Solar light	-	-	-	-	-	-
	Vibrator	-	-	-	-	-	-
	Concrete mixture Machine	-	-	-	-	-	-
	Pipe Wrenches	-	-	-	-	-	-
	Chain Wrenches	-	-	-	-	-	-
Temporary Shelter	Tents	-	-	-	-	-	-
	Tarpaulins/Polythenes	-	-	-	-	-	-
	Bamboo	-	-	-	-	-	-
	Other, if any	-	-	-	-	-	-

All Departmental Manpower in the District

Sl. No.	Name of Department	Name of Circle						Total
		Roing	Koronu	Hunli	Desali	Dambuk	Paglam	
1	2	4	5	6	7	8	9	10
1	RWD							
	Group -A	1	-	-	-	-	-	1
	Group -B	3	-	1	-	-	-	4
	Group -C	47	1	3	-	1	-	52
	Group -D		2		-	1	-	

		37		1				41
	Total :-	88	3	5	-	2	-	98
2	PHED							
	Group -A	1	-	-	-	-	-	1
	Group -B	2	-	-	-	-	-	2
	Group -C	6	1	1	-	1	-	9
	Group -D	110	-	-	-	-	-	110
	Total :-	119	1	1	-	1	-	122
3	PWD	47	2	22	-	3	-	74
	Group -A	1	-	-	-	-	-	1
	Group -B	2	-	1	-	1	-	4
	Group -C	9	1	3	1	3	1	18
	Group -D	110	-	-	-	-	-	110
	Total :-	122	1	4	1	4	1	133
4	WRD							
	Group -A	1						1
	Group -B	2				1		3
	Group -C	19				5		24
	Group -D	27		6	1	12		46
	Total :-	49	-	6	1	18	-	74
5	DHPD							
	Group -A							-
	Group -B							-
	Group -C	7						7
	Group -D	42						42
	Total :-	49	-	-	-	-	-	49
6	Electrical		-	-	-	-	-	-
	Group -A	1						1
	Group -B	1						1
	Group -C	51				3		54

	Group -D	79		2		6		87
	Total :-	132	-	2	-	9	-	143
7	DRDA							
	Group -A	1						1
	Group -B	6						6
	Group -C	20						20
	Group -D	8		1		1		10
	Total :-	35	-	1	-	1	-	37
8	DFO (T)							
	Group -A	1						1
	Group -B	4	1			1		6
	Group -C	54	8	3		6		71
	Group -D	27				2		29
	Total :-	86	9	3	-	9	-	107
9	DMO	125	7	9	4	12	14	171
	Group -A							-
	Group -B							-
	Group -C							-
	Group -D							-
	Total :-	-	-	-	-	-	-	-

10	DVO							
	Group -A	4						4
	Group -B							-
	Group -C	23	2		1	1	2	29
	Group -D	6			1	3		10
	Total :-	33	2	-	2	4	2	43
11	VKV							
	Group -A							-
	Group -B							-
	Group -C	20						20
	Group -D	10						10
	Total :-	30	-	-	-	-	-	30
12	SSA							
	Group -A	1						1
	Group -B	5						5
	Group -C	178						178
	Group -D	3						3
	Total :-	187	-	-	-	-	-	187
13	Principal H.S.School (Roing)							
	Group -A	1						1
	Group -B	5						5
	Group -C	178						178
	Group -D	3						3
	Total :-	689	-	-	-	-	-	689
14	STO							
	Group -A							-
	Group -B	1						1
	Group -C	3						3
	Group -D	3						3
	Total :-	7	-	-	-	-	-	7
15	DISTRICT LIBRARY							

	Group -A								-
	Group -B	1							1
	Group -C	1							1
	Group -D	1							1
	Total :-	3	-	-	-	-	-	-	3
16	APEDA								
	Group -A								-
	Group -B	1							1
	Group -C	2							2
	Group -D	3							3
	Total :-	6	-	-	-	-	-	-	6
17	ARCS								
	Group -A								-
	Group -B	1							1
	Group -C	4							4
	Group -D	1							1
	Total :-	6	-	-	-	-	-	-	6
18	GEOLOGY & MINING								
	Group -A								-
	Group -B	1							1
	Group -C								-
	Group -D	4							4
	Total :-	5	-	-	-	-	-	-	5
19	LRSO								
	Group -A								-
	Group -B	1							1
	Group -C	3							3
	Group -D	1							1
	Total :-	5	-	-	-	-	-	-	5
20	DTO								
	Group -A								-
	Group -B	1							1
	Group -C	1							1
	Group -D								-
	Total :-	2	-	-	-	-	-	-	2
21	DDI								
	Group -A								-
	Group -B	1							1
	Group -C	7							7
	Group -D	2							2
	Total :-	10	-	-	-	-	-	-	10
22	DLEO								
	Group -A								-
	Group -B	1							1
	Group -C	3							3
	Group -D	2							2
	Total :-	6	-	-	-	-	-	-	6
23	DPO								
	Group -A								-

	Group -B								-
	Group -C	2							2
	Group -D	2							2
	Total :-	4	-	-	-	-	-	-	4
24	BDO, ROING								
	Group -A	1							1
	Group -B	2							2
	Group -C	12	1						13
	Group -D	4							4
	Total :-	19	1	-	-	-	-	-	20
25	ITI								
	Group -A	1							1
	Group -B								-
	Group -C	26							26
	Group -D	13							13
	Total :-	40	-	-	-	-	-	-	40
26	DFDO								
	Group -A								-
	Group -B	1							1
	Group -C	5							5
	Group -D	6							6
	Total :-	12	-	-	-	-	-	-	12
27	DRRO								
	Group -A								-
	Group -B	1							1
	Group -C	1							1
	Group -D	1							1
	Total :-	3	-	-	-	-	-	-	3
28	HDO								
	Group -A	1							1
	Group -B	2				1			3
	Group -C	5	2						7
	Group -D	3		1					4
	Total :-	11	2	1	-	1	-	-	15
29	DAO								
	Group -A	1							1
	Group -B	2	1	1					4
	Group -C	20	3	2		2	1		28
	Group -D	3				1			4
	Total :-	26	4	3	-	3	1	-	37
30	ICDS								
	Group -A								-
	Group -B	1		1		1			3
	Group -C	89		31		56			176
	Group -D	82		29		51			162
	Total :-	172	-	61	-	108	-	-	341