

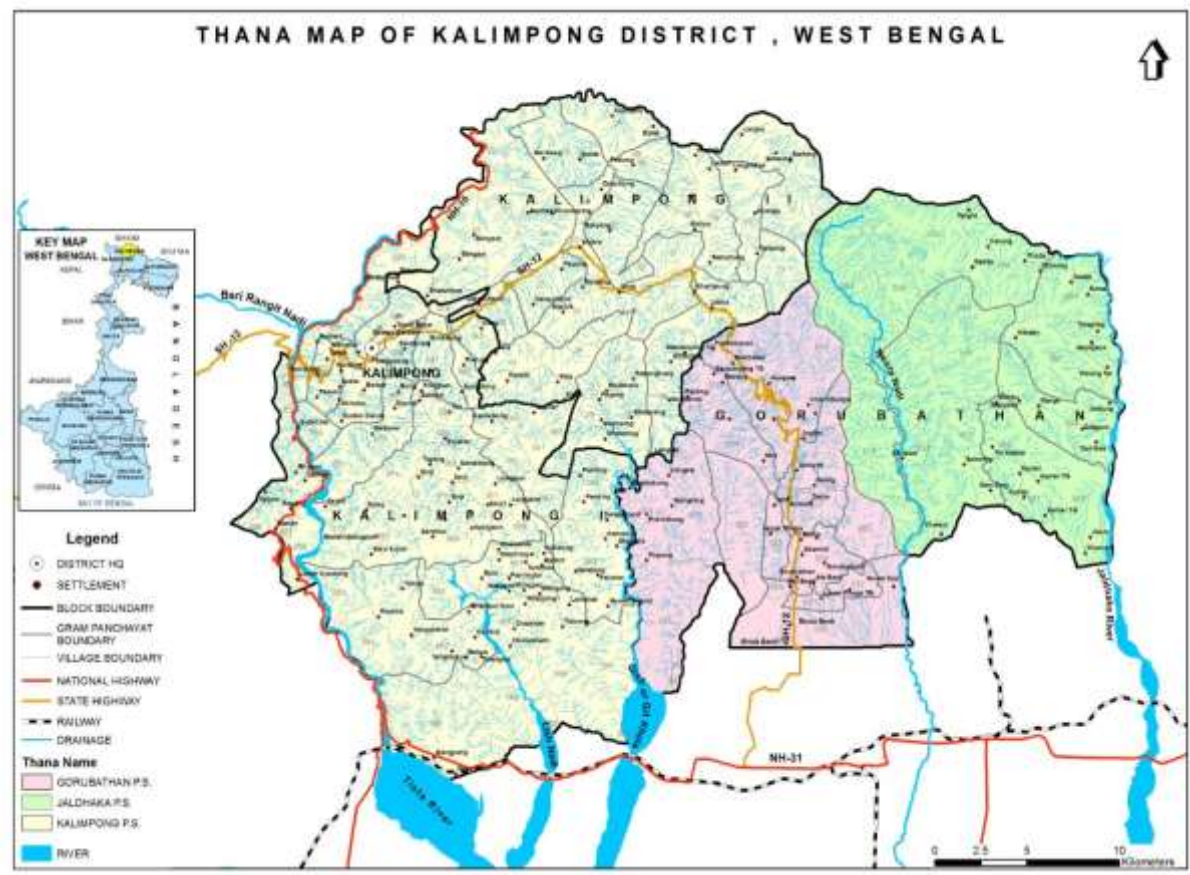
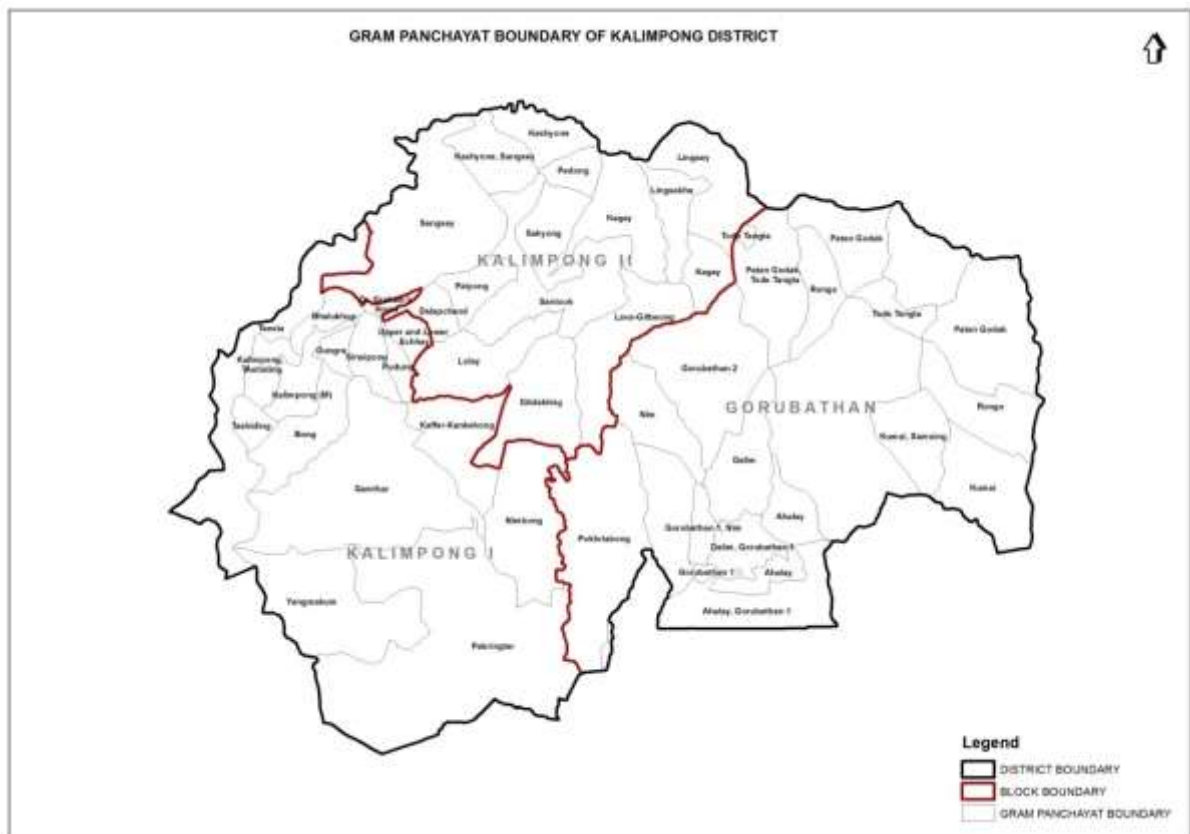
DISTRICT DISASTER MANAGEMENT PLAN-2020-21,KALIMPONG

FOREWORD

It is a well-known fact that we all are living in a world where occurrence of disasters whether anthropological or natural are increasing year by year in terms of both magnitude and frequency. Many of the disasters can be attributed to man. We, human beings, strive to make our world comfortable and convenient for ourselves which we give a name 'development'. However, in the process of development we take more from what Nature can offer and in turn we get more than what we had bargained for. Climate change, as the experts have said, is going to be one major harbinger of tumult to our world. Yet the reason for global warming which is the main cause of climate change is due to anthropological actions. Climate change will lead to major change in weather pattern around us and that mostly will not be good for all of us. And Kalimpong as a hilly district, as nestled in the lap of the hills as it may be, has its shares of disasters almost every year. Monsoon brings landslide and misery to many people. Landslides kill or maim people, kill cattle, destroy houses, destroy crops, sweep away road benches cutting of connectivity and in the interiors rivulets swell making it difficult for people particularly the students to come to school. Hailstorm sometimes destroys standing crops like cardamom resulting in huge loss of revenue. Almost every year lightning kills people. And in terms of earthquake the whole district falls in seismic zone IV. Therefore, Kalimpong district is a multi-hazard prone district and the District Disaster Management Plan is prepared accordingly. The aim of this handbook is to provide a strategy for overall management of disaster in its all three phases, namely pre-disaster, during-disaster and post-disaster scenario. Hazard, Vulnerability, Capacity & Risk Assessment has been based on the past history of disasters along with ground level assessment. An attempt has been made to follow the guidelines as laid down by the Disaster Management Act, 2005 and the guidelines as provided by the National Disaster Management Authority.

It is the aim of the District Authority to turn this handbook (DDMP) into not only a guidebook regarding disaster management but to incorporate it as an effective Decision Support System (DSS) tool during actual disaster situation and as a guide to disaster preparedness and mitigation measures during normal situation. I extend my sincere thanks to everyone associated with the preparation of this DDMP handbook for 2020-21.

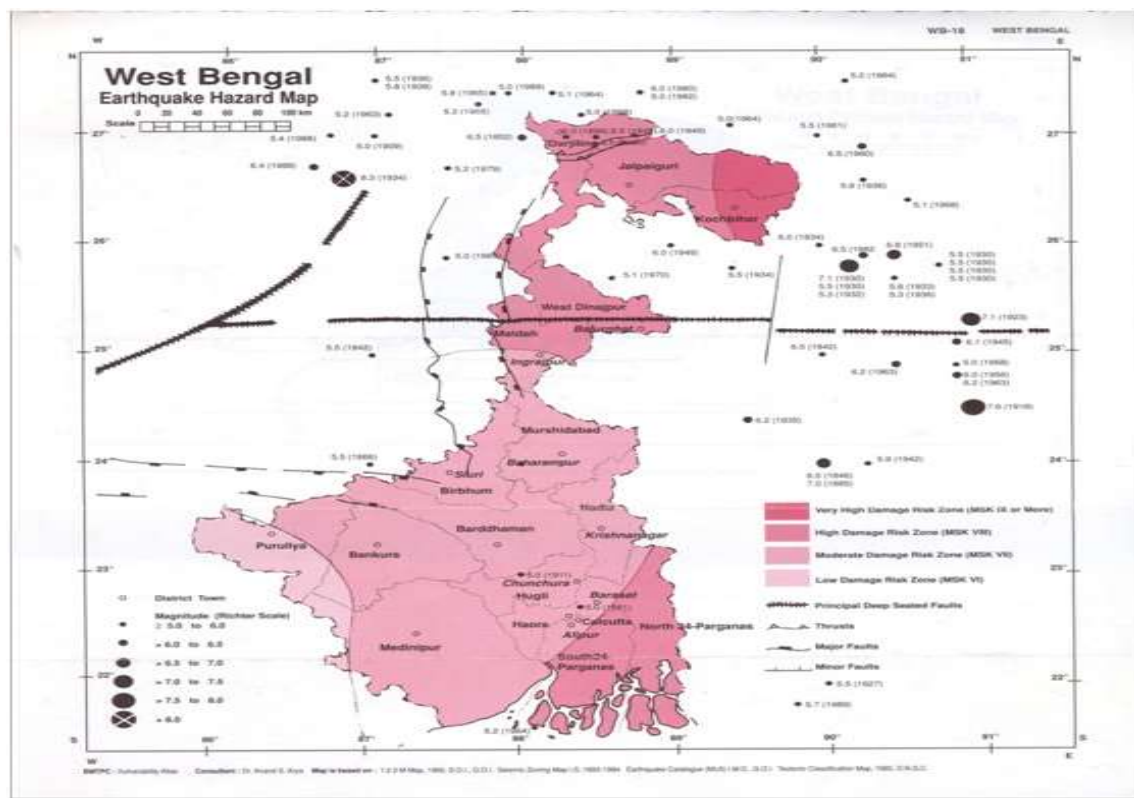
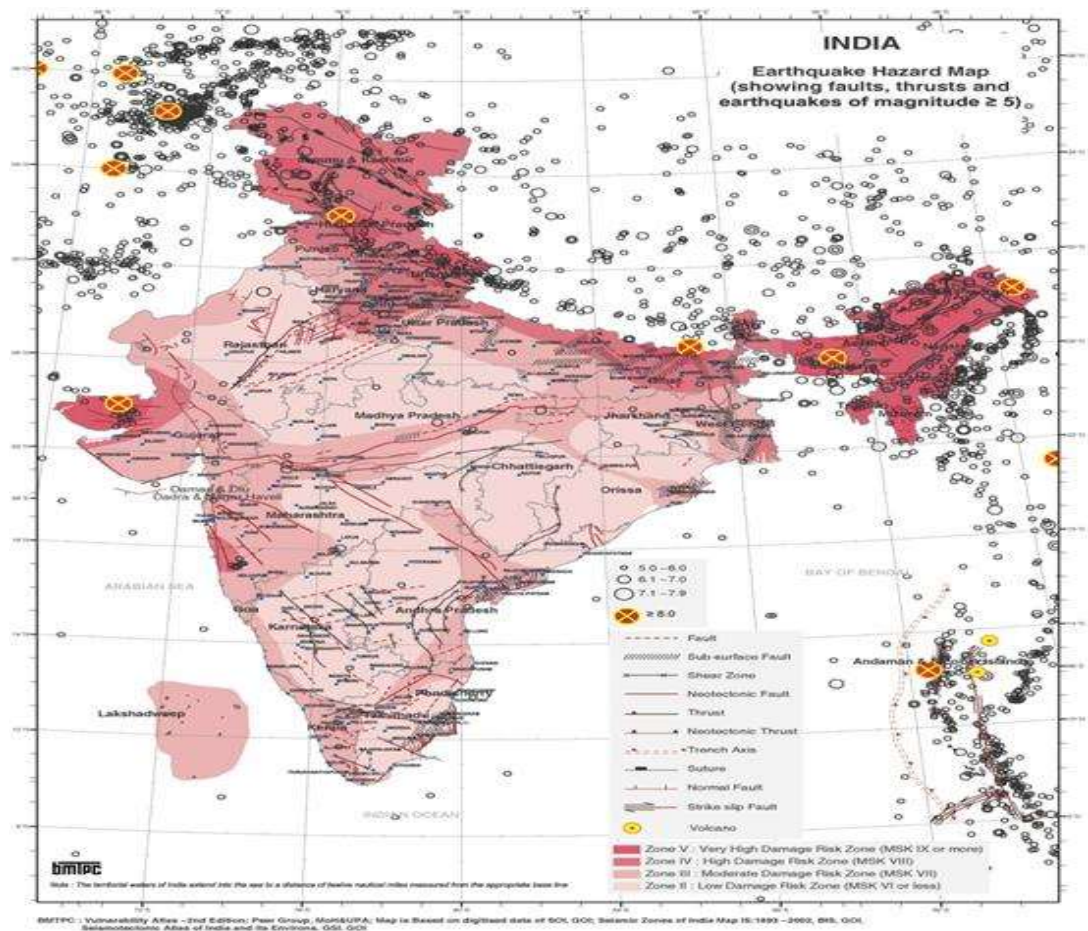
Smt.R.Vimala, I.A.S
District Magistrate,
Kalimpong

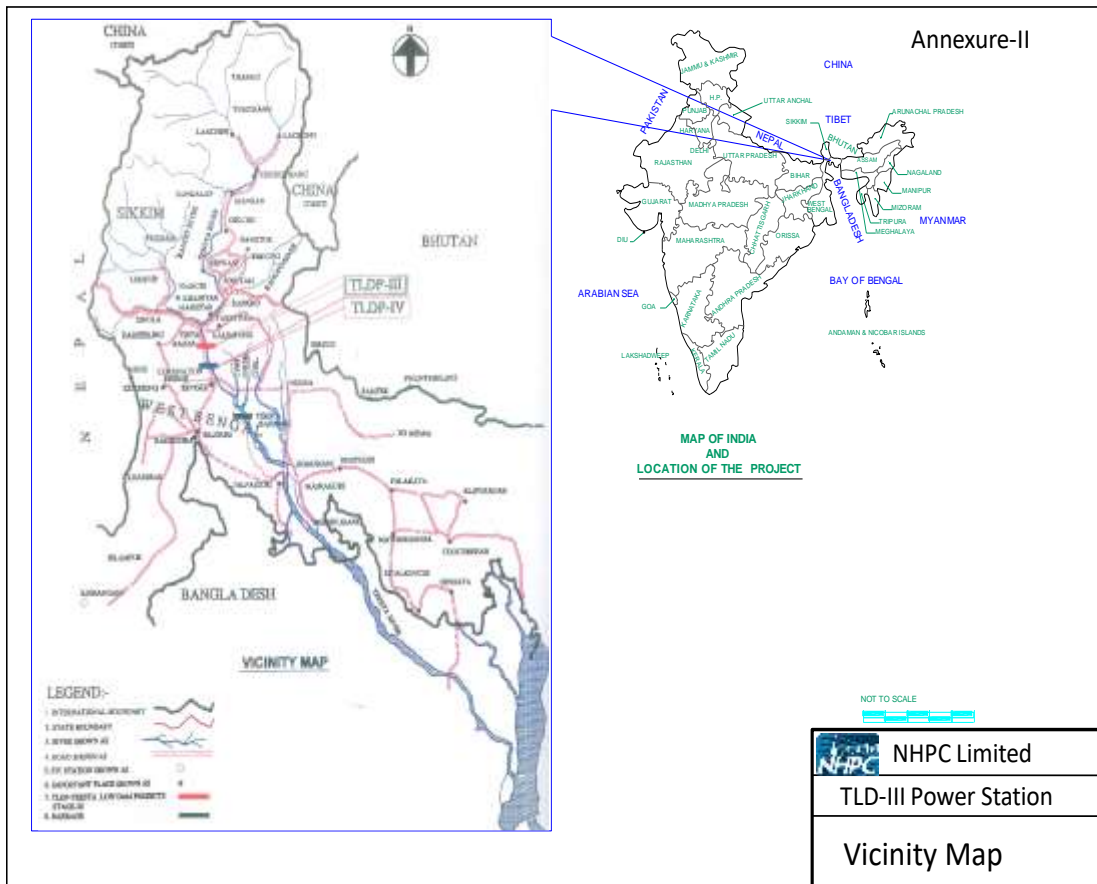


Sinking Area Map

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1.Lower Kafer, 2.Siddim, 3.Lameytar, 4.Munthung, 5.Lower Kankebong, 6.Siddim Pry School, 7.Kholatar, 8.Lower Kafer, 9.Pila Line Nimbong, 10.Munshi Dhura, 11.Lower Dalapchand, 12.Centre Gaon, Nimbong, 13.Chisopani Gaon, 14.Dispensary Gaon, 15.Point 19, 16.Walling Goan, 14th Mile, 17.Katusey Yok Busty, 18.Gairi Goan, Printam, 19.Seema Gaon,Khanee, 20.Lower Dong, 21.Chota Suruk, 22.Lower Dara Gaon, 23.Bada Suruk, 24.Dhobi Dhara, 25.Alaichikhop, 26.Chara Godam,27.Dhajey,28.Soureni, 29.Lamini Gaon, 30.Dantey Gaon,31.Dalman Gaon,32.Gorubathan ICP, 33.Ahalay,34.Rongo 45 No.,35.Poshyar Busty, 36.Lower Chibbo,37.Lower Mongbol, 38.L/Nasey Busty,39.Bhamey Gaon,40.Challamthung, 41.Mulkharka, 42.Dabaipani Main Road,43.Tagathang Road, 44.L/Chagay,45.Lungchu,46.Rabeak Dara Gaon,Gairigaon,47.Nalisir Maria,48.Dalep,49.U/Pedong,50.L/Kashyong, 51.U/Menchu,52.Lama Ward, 53.Jhilkey Dara,54.Dungmali Gaon,55.Bidyang,56.L/Dalapchand,57.Bimbiong, 58.L/Lolay,59.Beong, 60.Lava Raod,61.Gitkolbong,62.Lachmi Golai, 63.Mission Dara,64.Tunglabong,65.Seti Jhora, 66.Birik, 67.Mongpong,68.Tungsung,69.Bardara,70.44 Block,71.Guduray Goan,72.Tamang Gaon,73.Chiplay Dara, 74.Tinkataray,75.Bhalukhop,76.U/Ghumti Gaon,77.Khola Gaon,78.Kalijhora,79.29th Mile.





Map showing locations of TLD-III & IV along the Teesta River

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Chapter 1

Introduction

DRAFT
DISTRICT DISASTER MANAGEMENT PLAN (DDMP),
KALIMPONG
WEST BENGAL

Chapter 1

INTRODUCTION

Increasing frequency of disaster incidents across the globe has become a common phenomena leading to deaths and devastation along with socio-economic fallout. Kalimpong district being situated in the multi hazard zone certainly faces its share of disasters from time to time. This not only creates a devastating impact on people's lives but also impedes developmental work and consumes resources earmarked for growth and welfare. Therefore, a holistic approach towards managing disasters integrating the prevention, preparedness, response and mitigation activities is indispensable to a disaster management plan. Therefore, a planned approach is needed to minimize the severity of disaster impact through appropriate disaster risk reduction measures and preparedness mechanisms which is vested in the District Disaster Management Plan.

According to the Disaster Management Act 2005, Section 2(d) 'Disaster' means a catastrophe, mishap, calamity or grave occurrence in any area, arising from natural or manmade causes, or by accident or negligence which results in substantial loss of life or human suffering or damage to and destruction of property, or damage to, or degradation of environment and is of such a nature or magnitude as to be beyond the coping capacity of the community of the affected area.

Section 2 (e) defines 'Disaster Management' as a continuous and integrated process of planning, organizing, coordinating and implementing measures which are necessary or expedient for

- (i) Prevention of danger or threat of any disaster;
- (ii) Mitigation or reduction of risk of any disaster or its severity or consequences;
- (iii) Capacity building;
- (iv) Prompt response to any threatening disaster situation or disaster;
- (v) Assessing the severity of magnitude of effects of any disaster;
- (vi) Evacuation, rescue and relief.

1.1 Aims of District Disaster Management Plan (DDMP)

The primary aim of the DDMP is to provide the District Disaster Management Authority (DDMA) and all the stake-holders with a readily available information of the whole district regarding areas vulnerable to major types of disasters, natural or anthropological; to help adopt measure towards prevention and

mitigation of disasters; to define and assign tasks and responsibilities to different authorities at the District level and local authorities for the prevention and mitigation of disasters whenever necessary in terms of Sub-Section (2)(v) of Section 30 and above all to maintain a state of preparedness for prompt response to major disasters. Contact numbers of all important officials who are required to play pre-defined roles during all three phases of a disaster are included in the plan.

Objectives of DDMP

The main objectives of the DDMP as envisaged in the DM Act, 2005 are to facilitate in the various preparedness measures which will help:

- i) Minimize the loss of human lives.
- ii) Minimize the loss of livestock.
- iii) Minimize the loss to property and infrastructure.
- iv) Minimize ill effects on the health of the affected population.
- v) Minimize the time frame for restoring the human activities in the locality to normal.
- iv) To enhance disaster resilience of the people in the district by way of capacity building.
- v) Reduce the loss of public and private property, especially critical facilities and infrastructure, through proper planning.
- vi) Manage future development to mitigate the effect of natural hazards in the district.
- vii) To set up an Emergency Operations Centre at the District level to function effectively in search, rescue, response.
- viii) To develop the standardized mechanism to respond to disaster situation to manage the disaster efficiently.

When a disaster strikes the DDMP should be able to aid the authorities in decision making and during normal times or pre disaster phase it should provide assistance in policy making like in the field of land use policy, building codes, etc.

1.2 Authority for DDMP: DM Act 2005

The authority for preparation of DDMP has been vested under Sub-section (1) of Section 31 of DM Act 2005 which states 'There shall be a plan for Disaster Management in every district of the State'. Sub-section (2) of Section 31 says that the plan has to be prepared by the District Authority, after consultation with the local authorities and having regard to the National and State Plan, to be approved by the State Authority. The Plan shall include –

- (i) The areas in the district vulnerable to different forms of disasters;
- (ii) The measures to be taken, for prevention and mitigation of disaster, by the departments of the Government at the district level and local authorities in the district;
- (iii) The capacity building and preparedness measures required to be taken by the Departments of the Government at the district level and the local authorities in the district to respond to any threatening disaster situation or disaster;
- (iv) The response plans and procedures, in the event of a disaster, providing –
 - (a) Allocation of responsibilities to the departments of the Government at the district level and the local authorities in the district
 - (b) The measures to be taken, for prevention and mitigation of disaster, by the Departments of the Government at the district level and the local authorities in the district to respond to any threatening disaster situation;
 - (c) The response plans and procedures, in the event of a disaster, providing for –
 - (i) Allocation of responsibilities to the departments of the Government at the district level and the local authorities in the district ;
 - (ii) Prompt response to disaster and relief thereof;
 - (iii) Establishment of communication links; and
 - (iv) The dissemination of information to the public;

1.3 Evolution of DDMP:

In the past a DM Plan denoted a list of contact persons from different line departments who would have roles to play during disasters and plans were prepared keeping in view the on setting monsoon only. After the DM Act, 2005 came into existence it became imperative for states to make and submit DM Plans which included not only the disaster phase but also the pre disaster phase. West Bengal prepared and submitted a draft DM plan as early as in 2005. Kalimpong, as a sub division had been submitting DM plan every year and now as a newly formed district has been submitting DM plans since 2017. After the coming into existence of District Disaster Management Authority (DDMA) of Kalimpong vide Notification no.3507-RL/O/VI/7M-108/07-13th November, 2017 of the Government of West Bengal the Disaster Management plan is gradually evolving in accordance to the guidelines of the NDMA.



1.4 Stakeholders and their responsibilities:

- 2 At the District level, District Disaster Management Authority, with the District Collector designated as Response Officer (RO), and other line departments at district HQ are responsible to deal with all phases of disaster management within district. Other stakeholders would include communities, local government and NGOs. The identified stakeholders with their responsibilities are:

Management	Disaster Management Department (D.M Office)
Law and order	Police Administration
Search and Rescue Operation	West Bengal Fire & Emergency Services, Kpg, Civil Defence, 2 nd Battalion NDRF stationed at Pariban Nagar, Siliguri, 27 th Mountain Division, 764 BRTF (GREF), S.D.R.F, WB
Communication	District information and cultural office (Kalimpong), West Bengal Police, Kalimpong, SDO (T) BSNL Kalimpong
Transportation	Air force Station (Bagdogra), Public Works (Roads) NH10, PWD roads (G.T.A & State), RTO, Kalimpong, KED

Services	Disaster Management Department (G.T.A),PHE Department, WBSEDCL (Kalimpong Division), WBF&ES, PHED (G.T.A), Agriculture Department, A.R.D Department (G.T.A), Irrigation and Water Ways dep't. (G.T.A), Food and Supplies Department (Kalimpong), C.M.O.H, SD Hospital, Kalimpong, K.E.D., TLD-IIIPS NHPC, D.F.O.,Kalimpong, PHE NeoraKhola, Kalimpong Municipality, D.I.of Schools (Pry & Sec)
Early Warning	Indian Meteorological Department,Kolkata

1.5 How to use DDMP : According to the guidelines of NDMA

- i. Section 31 of DM Act 2005 makes it mandatory for every district to prepare a disaster management plan, for the protection of life and property from the effects of hazardous events within the district.
- ii. In significant emergencies or disasters, District Magistrate or the chairperson of DDMA will have the powers of overall supervision direction and control as may be specified under State Government Rules / State Disaster Management Plan guidelines.
- iii. The district EOC will be staffed and operated as the situation dictates. When activated, operations will be supported by senior officers from line departments and central government agencies; private sector and volunteer organizations may be used to provide information, data and resources to cope with the situation.
- iv. The DDMA may recommend for action under Sec 30 of DM Act.
- v. Facilities that have been identified as vital to operation of the district government functions have been identified.
- vi. The DM or his designee will coordinate and control resources of the District.
- vii. Emergency public information will be disseminated by all available media outlets through the designated media and information officer.
- viii. Prior planning and training of personnel are prerequisites to effective emergency operations and must be considered as integral parts of disaster preparations.
- ix. Coordination with surrounding districts is essential, when an event occurs, that impacts beyond district boundaries. Procedure should be established and exercised for inter district collaboration.
- x. Departments, agencies and organizations assigned either primary or supporting responsibilities in this document must develop implementation documents in order to support this plan.
- xi. When local resources prove to be inadequate during emergency operations, request for assistance will be made to the State or higher levels of government and other agencies in accordance with set rules and procedures.

- xii. District authority will use normal channel for requesting assistance and/or resources, i.e., through the District Emergency Operations Center (DEOC) to the State EOC. If state resources have been exhausted, the state will arrange to provide the needed resources through central assistance.
- xiii. The District EOC will coordinate with the State EOC, Agencies of the Govt. of India like IMD / CWC to maintain upto-date information concerning potential flooding, cyclones etc. As appropriate, such information will be provided to the citizens of the affected areas in the district.
- xiv. Upon receipt of potential problems in these areas, DEOC / designated officials will appropriately issue alert and notify action to be taken by the residents.
- xv. Disaster occurrence could result in disruption of government functions and, therefore, all levels of local government and their departments should develop and maintain procedures to ensure continuity of Government action.

1.6 Approval Mechanism of DDMP: As defined in Section 30 of DM Act 2005, DDMA shall act as the district planning; coordinating and implementing body for disaster management and take all measures for the purpose of disaster management in the district in accordance with the guidelines laid down by the National Authority and the State Authority. Accordingly, the District DM plan shall be prepared by the District Authority, after consultation with the local authorities and having regard to the National DM Plan and the State DM Plan. The copies of the District Plan referred to in sub- sections (2) and (4) are to be made available to the Departments of the Government in the district. The district authority shall send a draft copy of the District Plan to the State Authority for approval and the same shall be uploaded in the DMD website post acceptance.

1.7 Plan review and updation periodicity: The District Plan is to be put to test by organizing training of events, exercising and simulating disaster incidents and thereby evaluating the effectiveness of the plan. Such review will determine whether the goals, objectives, decisions, actions and timing outlined in the plan will lead to a successful response and any error, weakness in the plan will be corrected. It has been mentioned in the DM Act 2005 that it shall review from time to time the implementation of the Plan and issue such instructions to different departments of the Government in the district as it may deem necessary for the implementation thereof.

Chapter 2

Hazard, Vulnerability, Capacity & Risk Assessment

Chapter 2

Hazard, Vulnerability, Capacity and Risk Assessment (HVCRA) : This chapter has been prepared keeping in view the different risks faced by the district which will prove to be a hindrance in the path of the sustaining developmental gains and the need to prioritize areas that need attention. According to the NDMA the depth of HVCRA will depend on the availability of resources.

2.1.1 Hazard Analysis: List of hazards with probability of occurrence (frequency and magnitude): It would consist the type of hazards that the district is prone to, history of hazards, impact analysis of the worst case scenario, the area, people and infrastructure that are exposed to these hazards. It should also provide information about the exposure levels of various villages and cities that fall in multi-hazard zones. This chapter could also look at issues that are being faced in the district due to climate variability.

2.1.2 Vulnerability Analysis: UN ISDR has defined “vulnerability” as the conditions determined by physical, social, economic and environmental factors or processes, which increase the susceptibility of a community to the impact of hazards. The analysis would cover various social groups, infrastructure, properties, and environmental resources that are vulnerable to the impact of various hazards in the district. The vulnerabilities can be categorized as physical/material, economic, social/organizational and attitudinal/ behavioral and environmental. This section would also describe major trends and forces of development that push people to live in unsafe conditions that lead to generation of new vulnerabilities- e.g. population growth, industrialization, environmental degradation, etc. Details to be given in Annexure. List of vulnerable Talukas and villages (hazard-wise) be provided in the Annexure.

2.1.3 Capacities and Resources Analysis : It should highlight the capabilities and availability of resources with the district administration and stakeholders to reduce disaster risks and organize effective response. Capacities could include policies, institutions, equipments; early warnings trained human resources to handle variety of response & coordination functions and financial resources that the district stakeholders have for disaster risk reduction (DRR). The information and analysis gathered pertaining to the physical, technical and financial resources that are available with different departments and stakeholders would also be enlisted (number, type, location, condition etc). The inventory of resources available (equipment & skilled human resources) with each department & stakeholder, including private resources that can be utilized for emergency response, should be prepared. Assessment of capacities and training needs of practicing engineers, architects and masons required for hazard resistant construction would be done. A list of departmental focal points

with contact details should also be prepared while doing this analysis. Only analysis and outcome is to be given here. List of resources, availability and location is to be given in Annexure.

2.2.1 Socio – economic profile of the district.

District Profile

Kalimpong district was formed after bifurcating Darjeeling district on 14th February 2017 vide notification no.35-PAR(AR)/O/2R-2/16, dt.07.02.2017 of P&AR Department of Government of West Bengal. It is one of the smallest districts among the 23 districts of West Bengal. Kalimpong district is situated on the northern part of West Bengal and shares boundary with Sikkim in the North, North-West, Darjeeling in the West, Jalpaiguri district in the South and the international border with Bhutan in the North-East, East. The major roads are NH-10 which runs from Birik Dara under Kalimpong I Block and continues upto Ramphu border, SH-12 which runs from Teesta to Bhutta Bari under Gorubathan Block via Algarah-Lava. There are other minor roads constructed under PMGSY and GTA providing road connectivity to most of the rural areas.

The major river is the Teesta. And other rivers are the Leesh, the Gitkhola, the Chel, the Neora and the Jaldhaka. Apart from these there are many rivulets, streams and jhoras which intersperse the hilly slopes of the district.

Area	423 Sq. Mile of which 225 Sq. Mile is Forest. (1056.5 Sq. km)
Location	26° 51" North , 88° 53" East
Altitude(District HQ)	4101 ft. (1250mts.)
Temperature	Summer Max – 27 C, Min – 16, C Winter Max – 17 C, Min – 5C
Rainfall	Avg. Annual Rainfall : 220cm
Weather Pattern	Spring season – March and April, Summer – May, Monsoon – June to September, Autumn – October and November, Winter – December to February
Geological features	Composed of mostly phyllite, schists,Daling Series
Topography	Mostly hills
Tea Gardens Nos.	6 nos.
Tea Garden Workers	2834
Other Plantation Nos.	01
Other Plantation Workers Nos.	2701

Sub-Division	01 No
Police Station	03 Nos
Block	03 Nos.
Municipality	01 Nos.
Gram Panchayat	42 Nos.

Demography

Male	Female	Total Population
1,27,501	1,23,067	2,25,568
Languages		Nepali, Hindi, English, Bangla

2.2.2 Matrix of Past disasters in the district: It is an established fact that the frequency of calamities both man-made and natural is seen to be increasing year by year. Though the man made calamities can be controlled, in case of natural calamities, there is very little chance to survive if preparations and systems of forecasting and safeguards are not in place. Now a days, Extreme weather conditions are becoming order of the day. Being in Seismic Zone IV, Kalimpong is precariously placed in terms of Earthquake and subsequent landslides and landslips also. The district possesses high mountains, deep gorge like valleys and steep slopes which extends its influence on rainfall. Huge water enters into the river in the form of rain and snowmelt and then gets discharged into the river. And again, in the one hand short and intense rainfall leads to small but deadly landslides in the urban hill areas. On the other hand, continuous rainfall over a period of days leads to major landslides in rural areas. Due to the fragile nature of the Sub-Himalayan areas any earthquake of more than 6 in magnitude and reoccurrence of the heavy and continuous rainfall like 1968 may cause wide scale devastation in the hills and there may be huge loss of lives and properties. The seasonal rainfall mainly happens from June to October, however these days there is existence of so much cyclonic storm and depressions in this region and also presence of large mountains, the rainfall is not only limited to season only and the area gets drenched frequently even outside the season causing the saturation level of ground to stay pretty high.

Types of Hazards

Kalimpong district is afflicted by hazards such as landslides, landslips, cyclonic wind, hailstorm and earthquake from time to time.

The whole district falls under seismic zone IV.

Landslide prone areas are :

- Kalimpong-I Block : Nimbong GP, Sindepong GP, Kalimpong GP, Bhalukhop GP and 6th Mile area, Chibo.

- Kalimpong-II Block : Kashyone GP, Paiyong GP, Sangsay GP, Pedong GP, Sakyong GP, Lingsay GP, Lingsaykha GP, Lava-Gitdabling GP.
- Gorubathan Block : Gorubathan-II GP, Paten-Godak GP, Rongo GP.



The satellite view depicting the vulnerable areas of the District of Kalimpong.

2.2.3 Hazard Risk Vulnerability Assessment (HVCRA): Till a proper HVCRA is conducted, this section may include analysis of the matrix of past disasters on maximum severity and best practices. This section may also include Geographic Information System (GIS) maps.

2.2.4 Hazard Profile Based On History Of Past Disasters:

Year	Name of Hazard	Magnitude	Villages affected (Blocks and Municipalities)	Life lost
1899	Flash flood	Heavy	Teesta Bazar	Almost all houses swept away at Teesta as per District-Gazetteer Darjeeling

1960	Earthquake	Ms 5.5	Samthar-Kalimpong area	Data unavailable
1968	Flash flood	Heavy	Teesta Bazar	Teesta bridge was swept away. Teesta bazaar ravaged by flash flood.
1980	Earthquake	Ms 6.1	Whole district affected	Data unavailable
1993	Landslide	Incessant Rainfall	Whole Kalimpong affected but the worst affected was Bindu Bazar under Gorubathan Block	11 human lives lost
1996	Landslide	Incessant Rainfall	Whole Kalimpong affected but Geshok Busty under Kalimpong I Block worst affected	25 human lives lost
2006	Landslide	Heavy Rainfall	Sinking of land at Gairigaon, under Kalimpong I Block leading to exodus of the whole village	Nil
2009	Aila cyclone rain	Intense	Teesta Bazar along NH10	Houses damaged/destroyed Fully-254, Partly-1059
2011	Earthquake	6.9	Whole district affected	
2015	Earthquake	7.3	Whole district affected	
2015	Landslide	Heavy Rainfall	Whole Kalimpong affected	6 human lives lost and 5 went missing and presumed dead
2019	Landslide	Heavy Rainfall	Whole Kalimpong affected	2 human lives lost, Hosue damage Fully-27, partly -82

2.2.5 Outcome and recommendations of the HVCRA is to be provided.

Fill-in the hazard analysis work sheet given below

Sl. No	Hazard	Check if community is prone to the hazard	Historical Data			
			(3)			
			Years of Occurrence	Frequency / Return Period	Category / Intensity	Duration
			(a)	(b)	(c)	(d)
1.	Earthquake	Yes	1960 1980 2011 2015	Irregular	Ms 5.5 Ms 6.1 6.9 7.3	Short
2.	Landslide	Yes	1968 1993 1996 2015	Every few years	Catastrophic - Critical	
3.	Storm/Cyclonic	No	-	-	-	-
4.	Flash flood	Yes Teesta bazar.	1899 1968	69 years	Catastrophic	
5.	Fire	Yes.	Every year	Normally during dry season	Limited	-
6.	Accident (S)	Yes. NH10.	Every year	Throughout the year	Limited	-
7.	Others	-	-	-	-	-

Based on the review and analysis of inputs/data collected in tables given above, the most important disaster risk with reference to the lowest administrative unit in the district needs to be identified. After answering the questions in Col 1, 2 and 3, recommendations on the mitigation measures can be listed under col 4 of the table given below.

Risk assessment result of vulnerable areas (*Annexure attached*) under Kalimpong district:

S.No	Vulnerability Analysis	Answers
1	2	3
1	Result of hazard Analysis	

	What single or multiple hazards is the community faced with? Which are most significant? Referring to occurrence, frequency/return period, intensity and duration as well as exposure of affected families, how do these hazards compare?	Main hazards faced by the community are : i)In terms of damage – Earthquake, ii) In terms of frequency – Landslide.
	Is there evidence of changing trends in the hazards, or new hazards emerging?	High discharge of rain in a short period of time leading to killer landslides is the emerging trend.
2	Results of Vulnerability Analysis	
	What are the top five vulnerability of the community?	i)Geographical, ii)Physical,iii)Economic, iv)Social,v)Environmental
	Explain the vulnerabilities in relation to the identified hazards affecting the community, and how these make the community susceptible to those hazards.	i)Due to the hilly terrain with steep gradient community becomes susceptible to landslides; ii)In the town area due to population density and unplanned construction of tall buildings community susceptible to earthquake hazard; iii)Due to low income some section of community residing on steep slopes, river banks or wherever land is cheap or free; iv)Some section of community vulnerable due to lack of knowledge, education and awareness of disaster preparedness; v)Some parts of community face environment related vulnerability due to depletion of resources and degradation of environment.
3	Results of Capacity Analysis	
	What are the top five capacities available in the community?	i)First responder to any disaster incident nearby;ii)Helpful to victims;iii)disaster resilient; iv)some communities show willingness to adapt;v)some civil societies contributing by spearheading works to prevent environmental degradation.
	Explain their relationship and how they increase the resilience of the community.	The first step towards achieving minimum disaster resilience by the community is being quick to respond to a disaster incident, helping each other, the will to bounce back early, the will to adapt to changing

		environment and leading the path.
	Identify the top five weakness and discuss them as part of another paragraph under vulnerabilities.	Still a major part of the community members are unaware of all the changing circumstances, unaware and unwilling to understand the vulnerability faced by them. Many people wilfully ignore building rules and violate laws placed for safety,etc.
4	Recommendations to Mitigate. Prepare for. and Respond to Disaster Impacts	
	Given the Hazard Vulnerability Capacity Assessments identify the most pressing assistance needed to reduce the vulnerabilities and increase the capacities of the community.	The most important assistance needed are in the field of spreading awareness of disaster risk reduction, awareness about the benefit of proper town planning and following building bye-laws, strengthening village level disaster management community. Studying and recommending landslides and developing early warning system for landslides with the help of public-private partnership.

Chapter 3

Institutional Arrangement

Chapter 3

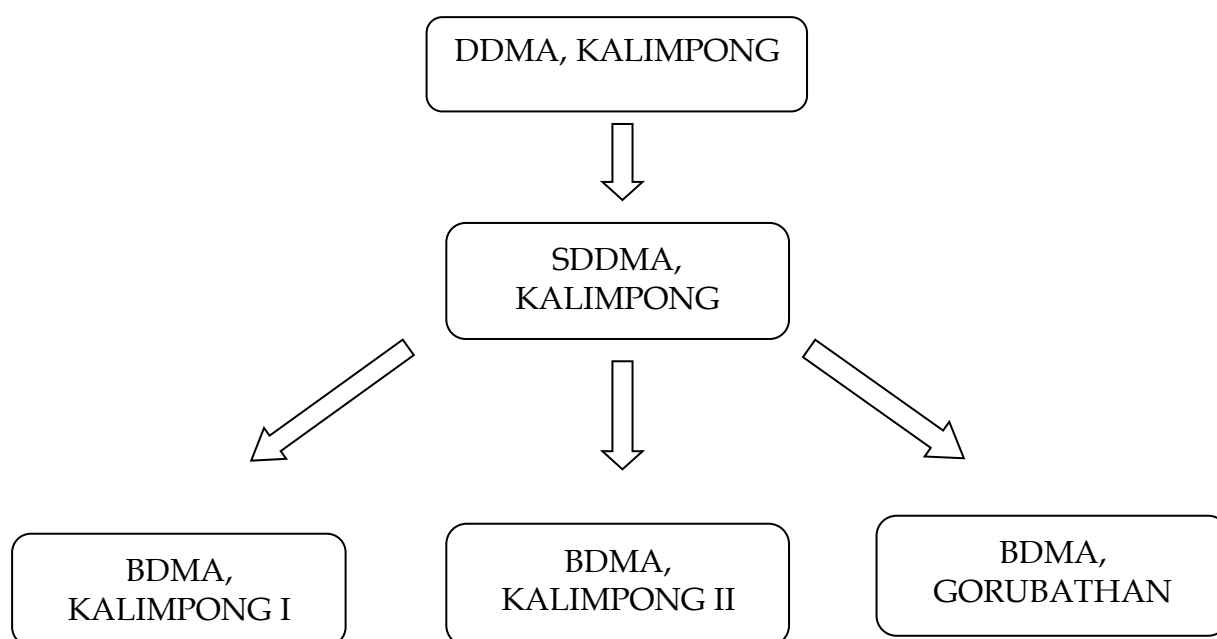
INSTITUTIONAL ARRANGEMENTS FOR DISASTER MANAGEMENT

Section 25 (1) of the Disaster Management Act 2005 states that ‘Every State Government shall, as soon as may be after issue of notification under sub-section (1) of section 14, by notification in Official Gazette, establish a District Disaster Management Authority for every district in the state.’ The District Disaster Management Authority for Kalimpong came into existence vide Notification no.3507-RL/O/VI/7M-108/07, dt.13th November, 2017 in accordance to sub-section(1) of section 25 of the D.M.Act 2005 consisting the following members as announced by the State Government :

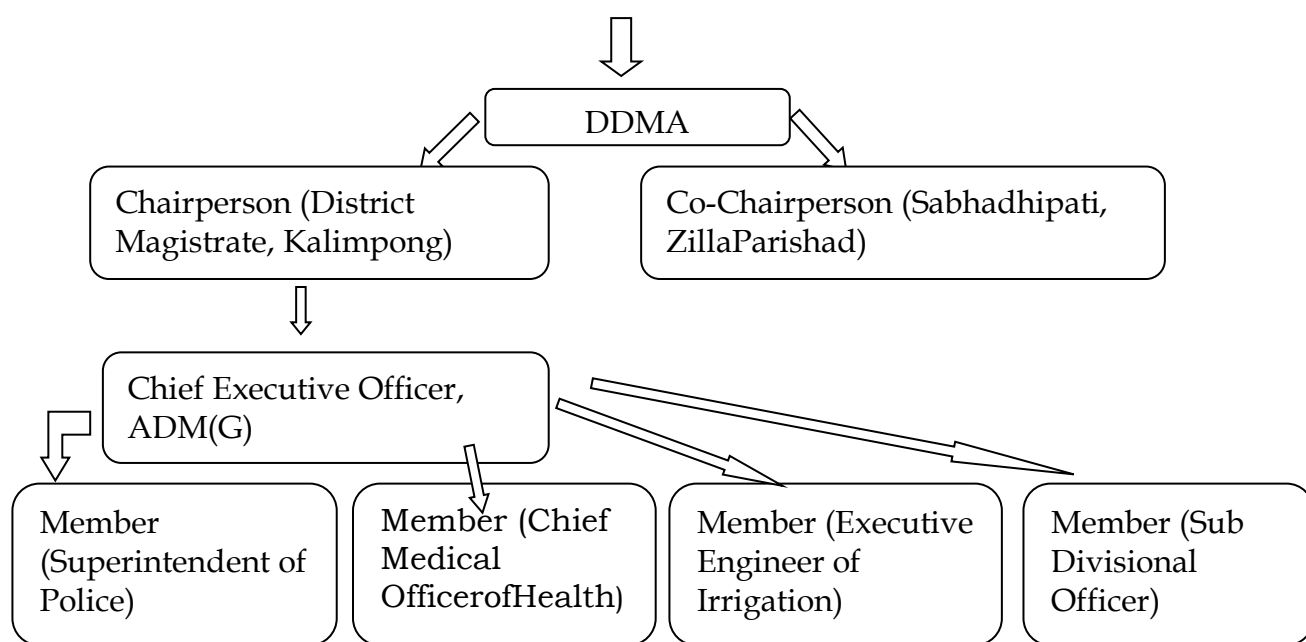
1. The District Magistrate, Kalimpong as the Chairperson, exofficio;
2. Sabhadhipati of the ZillaParishad as Co-Chairperson, exofficio (presently vacant);
3. Additional District Magistrate in charge of Disaster Management as Chief Executive Officer, Kalimpong, exofficio;
4. The Superintendent of Police, Kalimpong ex officio;
5. The Chief Medical Officer of Health, Kalimpong, ex officio;
6. The Executive Engineer of Irrigation, Kalimpong, ex officio;
7. The Sub Divisional Officer, Kalimpong, ex officio.

3.1 ORGANISATIONAL STRUCTURE OF DISATER MANAGEMENT

AUTHORITY UNDER KALIMPONG



3.2 DDMA FLOW CHART



District Disaster Management Committee for Kalimpong

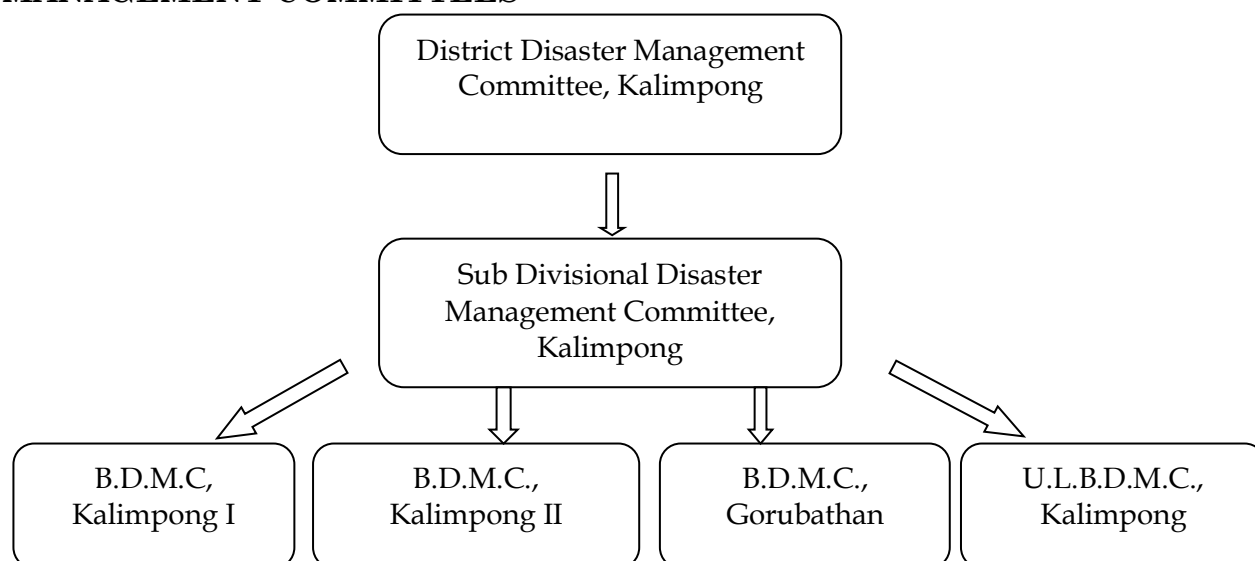
1. District Magistrate, Kalimpong	Executive Chairperson
2. Additional District Magistrate (in charge of DM)	Member
3. Superintendent of Police	Member
4. Chief Medical Officer of Health	Member
5. Superintending/Executive Engineer, P.W.D/P.H.E	Member
6. Executive Engineer, I&W.D/Minor Irrigation Deptt	Member
7. Agricultural Officer	Member
8. Divisional Engineer, WBSEDCL	Member
9. District Food & Supply Officer	Member
10. Deputy Director, Animal Husbandary	Member
11. District Level Officer, Forest Deptt/Fisheries Deptt/	Member
12. Animal Resources Development Deptt.	Member
16. District Level Authority of Army/ Airforce/ B.S.F/	Member
18. District Telecom Officer	Member
20. D.D.M.O./Officer in Charge of Disaster Management	Convener/ Member
21. Chairperson of Municipal Body	Member
22. Chairperson, Development Authority	Member
23. Members of Legislative Assembly	Member

DISTRICT DISASTER MANAGEMENT SET UP



3.3.1 District Disaster Management Authority may set up Disaster Management Committees, Disaster Management Teams and Incident Response Teams as per requirement or for the purpose of tackling disaster situations effectively.

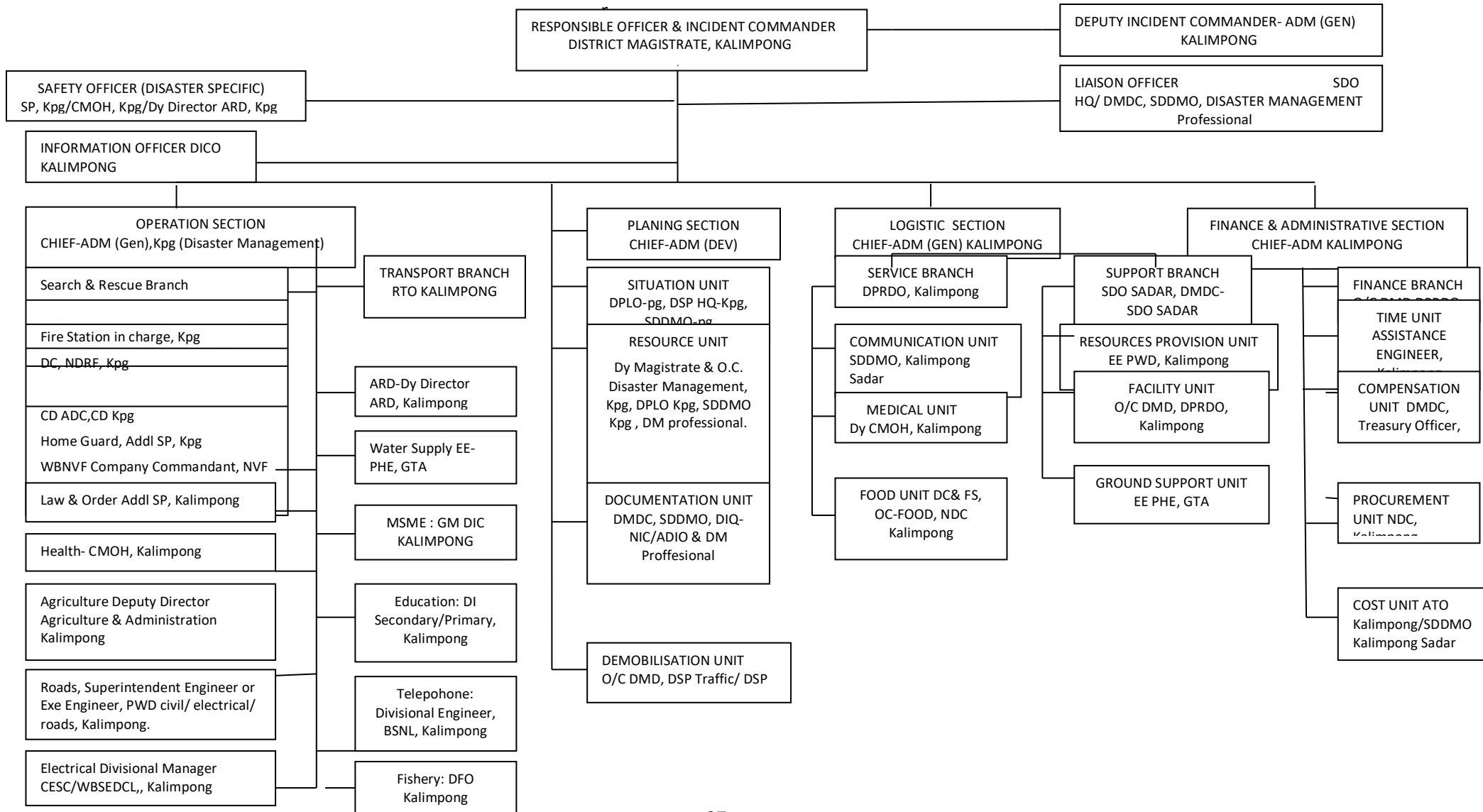
3.3.2 HYERCHICAL FLOW CHART OF DIFFERENT DISASTER MANAGEMENT COMMITTEES



Details of Block Disaster Management Committees in Annexure 2

3.3.3 Incident Response Team Under Kalimpong

INCIDENT RESPONSE TEAM DISRICT LEVEL



3.3.4 Emergency Operating Centre (EOC) :

DEOC cum Control Room started under Kalimpong Disaster Management Department from January 2019 manned by Civil Defence Volunteers round the clock. As per the instruction of the state the on-duty staff has to keep a close tab on the weather condition through IMD website, monitor weather channels, maintain contact with the State Control Room and Block Control Rooms. An all clear siren has to be blared at 9am followed by SITREP at 11am everyday.

Details of DEOC in Chapter 5(5.2).

3.3.6 Forecasting and Warning agencies :

According to the NDMA any type of natural or man-made disaster may occur with or without early warning. Emergency response may be triggered:

- 1) With early warning like heavy rainfall, cyclone, etc.and
- 2) Without early warning like earthquakes.

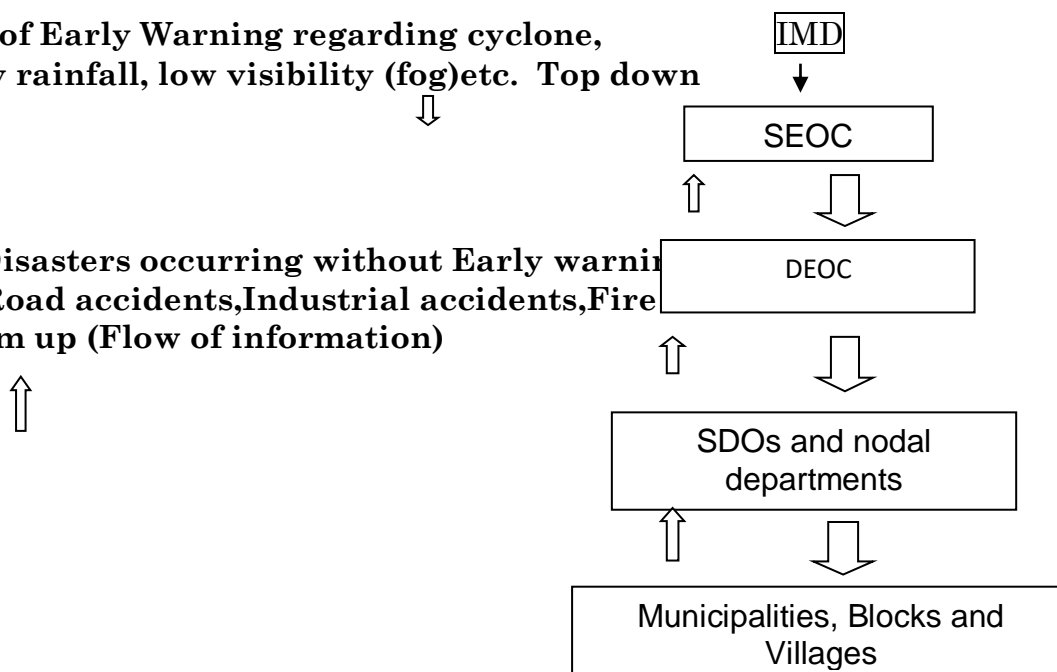
In the case of a disaster with early warning on receipt of warning of alert from any such agency which is competent to issue such a warning, the warning message will be percolated downwards from the National or State level to the Divisional level, District level, Sub Divisional level, Block level and village level. The District Magistrate will assume the role of the Incident Commander and all concerned departments and personnel will be pressed into action through the DEOC.

For disasters without early warning the message will pass from the bottom to the top. When disaster occurs without any early warning in that case the information starts from the place of incident through government agency or otherwise and the institutional mechanism in such cases will be as follows:-

- i. The concerned village will report to the Panchayat, block, police station/SDO/DM and the information will be sent to the Commissioner and the SEOC.
- ii. DDMA will assess the information and assess the disaster to be of the level L0, L1, L2 or L3.
- iii. DEOC will be activated, message will be sent to Divisional Commissioner and if required the SEOC will be kept at alert if assistance needed ; otherwise information of the incident will be passed on to SEOC.
- iv. DDMA will convene the meeting of DEOC and plan the management of the disaster by preparing Incident Response Plan as per Incident Response System.
- v. The respective Incident Response Teams (IRT) will be rushed to the site for effective management.

Flow of Early Warning regarding cyclone, heavy rainfall, low visibility (fog) etc. Top down

For Disasters occurring without Early warning like Road accidents, Industrial accidents, Fire bottom up (Flow of information)



The Occurrence of the Disaster would essentially bring into force the following:

The Emergency Operations Centre will be put on full alert and expanded to include Branch arrangements, with responsibilities for specific tasks, depending on the nature of disaster and extent of its impact. The number of branches to be activated will be decided by the Chief of Operations.

All Branch Officers and Nodal Officers will work under the overall supervision and administrative control of the Chief of Operations. All the decision taken in the EOC have to be approved by the Chief of Operations.

Immediate access to the disaster site.

Telephonic and VSAT, wireless communication and hotline contact with the Divisional Commissioner, and Collector/s of the affected district/s will be activated.

The EOC in its expanded form will continue to operate as long as the need for emergency relief and operations continue and the long-term plans for rehabilitation are finalized for managing long-term rehabilitation programmers, such as construction of houses, restoration of infrastructure etc. the responsibilities will be that of respective line departments. This will enable EOC to attend to other disaster situation, if the need be.

Disaster with Early Warning :

The disaster response structure will be activated on the receipt of a disaster warning or on the occurrence of a disaster by the competent authority. The occurrence of a disaster may be reported by the concerned monitoring authority to the Commissioner of Relief/SDMA by the fastest means. The SDMA/SEC will activate all departments for emergency response including the State EOC, District EOC, police personnels and ERCs. In addition, they will issue instructions to include the following details:

- i. Exact quantum of resources (in terms of manpower, equipments and essential items from key departments/stakeholders) that is required.
- ii. The type of assistance to be provided.
- iii. The time limit within which assistance is needed.
- iv. Details of other Task/Response Forces through which coordination should take place.
- v. The State EOC, ERCs and other control rooms at the State level as well as district control rooms should be activated with full strength.

Chapter 4

Prevention and Mitigation Measures

Chapter 4

Prevention and Mitigation Measures

Prevention consists of actions that reduce risk from manmade or natural disaster incidents. Certain avoidable disasters can be prevented by following hazard zonation map and by strictly adhering to building rules and bye laws. The High Powered Committee (HPC) formed by the Government of India in 1999 had provided a new culture to the area of disaster management by emphasising that there are four key pillars of this activity:

- a) Culture of Preparedness
- b) Culture of Quick Response
- c) Culture of Strategic Thinking and
- d) Culture of Prevention.

Practising all of these will lead to the larger picture where the old adage of 'prevention is better than cure' is followed in letter and spirit.

For those disasters that cannot be avoided or prevented the only effective tool is mitigating the adverse effect. Mitigation refers to actions taken to reduce or eliminate the risks arising out of disasters. It is concerned with negating or mitigating the adverse impact of a future disaster by means of reducing risks, consequences associated with them, etc. Therefore, mitigation in the parlance of disaster management is general activities aimed at preventing events that may occur in the future.

Mitigation aims at:

- i) Pre-disaster preparedness and prevention measures that help the community recover from disaster impact.
- ii) Reduction of hazards faced by the community.
- iii) Creation of awareness of risks at the community level.
- iv) Encourage participation of community to lessen risks.
- v) Protection and conservation of natural resources.
- vi) Risks and vulnerability assessment to gauge the risks that the community faces and working out methods of reducing the risks.

According to Carter (1991) there are five principals that provide a valuable guide to mitigation : a)Initiation, b)Management, c)Prioritisation, d)Monitoring and Evaluation, and e)Institutionalisation

Broadly speaking there are two types of mitigation measures – i) Structural mitigation and ii) Non- structural mitigation.

- i) **Structural Mitigation** - This refers to structural measures resorted to tackle disaster risks. It encompasses both construction of physical engineering and non-engineering structures to reduce hazard. Engineered structures include infrastructures and buildings built following safety standards as laid down by the National Building Code(NBC) or the Bureau of Indian Standards(BIS). Non-engineered structures are those buildings and infrastructure built with local

knowledge, not following prescribed specifications. Therefore, Structural Mitigation helps in the process of cutting down the impact of disasters by means of construction and engineering works like building earthquake resistant structures, retrofitting, strengthening of embankments, building proper drainage system, cyclone shelters, etc.

- ii) **Non structural mitigation** - This includes all those activities minus the structural mitigation like awareness and capacity building at the departmental and community level, formulation of new plans and overall promoting a culture of safety like building codes, policy framing, land use policy, research, capacity building trainings, etc. It includes the three important components i) Appropriate Administrative/Regulatory Framework, ii) Public Education, Training and Awareness, and iii) Community Participation in Disaster Mitigation.

Structural Mitigation for earthquake under Kalimpong

Structural measures	Identified Locations and Villages	Implementing Departments	Convergence with Scheme/ Program	Time Frame
Constructing earthquake resistant structures and retrofitting (if required) of public utility buildings like offices, hospitals, schools/ banks/ markets etc	Whole district falls under seismic zone IV. Vulnerable villages/wards have been identified Gram panchayat-wise/ Municipality wise for Kalimpong I/II/Gorubathan & Kalimpong Municipality (Annex 1)	DPLO, DPRDO (State and Panchayat), SD MF, PWD, SSA, GTA	Convergence with developmental programmes, NERMP	-
Building earthquake resistant houses and retrofitting of unsafe houses		SDRF, IHSDP, HFA, IAY, owner driven	Rural housing schemes, Integrated sum development and departmental programs, NERMP	-
Identifying and safely dismantling unsafe structures		PWD, Kalimpong Municipality, DDM	-	-

Non Structural Mitigation for earthquake under Kalimpong

Non Structural measures	Identified Locations and Villages	Implementing Departments	Convergence with agency/ Program	Time Frame
Capacity building of architects, engineers and masons on earthquake	Whole district falls under seismic zone iv. Vulnerable villages/wards	Disaster Management, RTC	MGNREGA, SSA	Regular Interval

resistant features	have been identified Gram panchayat-wise/ Municipality wise for Kalimpong I/II/Gorubathan & Kalimpong Municipality			
Registration of trained and certified mason		Disaster Management, GTA	NERMP, NICEE	Regular Interval
Strict enforcement of guideline pertaining to seismic safety for government rural housing		Disaster Management Department, PWD construction	Urban & Rural housing schemes	Regular Interval
Mock-drills for Schools, Hospitals, Public Buildings, etc		Disaster Management Kalimpong, RT C, SSA, Fire Department, Schools	NSSP, Hospital safety	Regular Interval

Structural Mitigation for landslide under Kalimpong

Structural measures	Identified Locations and Villages	Implementing Departments	Convergence with Scheme/ Program	Time Frame
Construction of retaining structures, protection walls, build proper drainage system and jhora training to guide surface and sub-surface run off	Vulnerable villages/wards have been identified Gram panchayat-wise/ Municipality wise for Kalimpong I/II/Gorubathan & Kalimpong Municipality	DPLO, DPRDOSDMF, PW Roads, NH10 Div 9, KED, GTA	Convergence with developmental programmes, LRMP	-
Constructing or strengthening embankments, clearing of drains, unclogging of jhoras before monsoon		PW Roads, NH10 Div 9, Irrigation & Waterways, Kpg Municipality	Convergence with developmental programmes, LRMP	-
Afforestation by planting trees and vetivers		Social Forestry, Soil conservation, NREGA	Convergence with developmental programmes	-
Reparing of landslide damaged/destroyed houses	As per CA II report	Department of Disaster Management	HB Grant	1 year

Non Structural Mitigation for landslide under Kalimpong

Non Structural measures	Identified Locations and Villages	Implementing Departments	Convergence with Scheme/ Program	Time Frame
Landslide Hazard zonation	Vulnerable villages/wards have been identified Gram panchayat-wise/ Municipality wise for Kalimpong I/II/Gorubathan & Kalimpong Municipality	GSI, Disaster Management Department	Convergence with developmental programmes like Rural and urban housing	-
Landslide awareness programme		Disaster Management Department, RTC	-	Regular interval
Land-use policy		DDMA, Kpg Municipality, concerned Gram Panchayats	-	-

The Components of Landslide Hazard Management (LHM)



Figure 1 Source : GSI

The strengthening of community preparedness by means of Community based Disaster Management, capacity building of PRIs, etc. will be taken up by means of disaster training programmes and mock exercises which are slated to continue throughout the year in different parts of the district. Tentative training calendar for 2020 is found in Chapter 6 under the heading capacity building.

Chapter 5

Preparedness Measures

Chapter 5 Preparedness Measures

5.1 Preparedness comprises measures, which equip governments at various level, organisations, communities and individuals to handle and respond effectively to disaster situations. Globally, it is observed, there has been an increase in the frequency and adverse impact of disaster both natural as well as man made. Although developments in science and technology has helped to a great extent by way of providing early warning for hazards like cyclones, heavy rainfall, etc. and in the form of GIS based prediction of landslides, etc. , all these will not hold much water if preparedness measures for a district are not in place. The approach towards disaster management has gone a sea change where in the past management of disaster would be 'reactive' in nature. The course of action basically would be emergency management with provision for relief and rehabilitation. Efforts were always directed towards bringing back the situation to normal. But in the present a holistic approach is adopted towards management of disaster where pre disaster phase is given more importance.

Preparedness measures hold a very important place in disaster management because the experience of the past has shown us that the cost of preparedness is much more less than the actual cost of tackling a disaster financially or socially. Planning is one of the key components of Preparedness cycle. Kalimpong district falls within a multi hazard prone area. Therefore, disaster preparedness plan for Kalimpong is aimed at tackling earthquake, landslide, cyclonic wind, urban fire, building collapse, etc.

5.2 District Emergency Operations Centre (DEOC) becomes the nodal component of a district's disaster preparedness because a DEOC becomes a nodal point for overall coordination of planning and response during any disaster incident as well as passing early warning messages to all stakeholders vertically and horizontally. The DEOC requires communicating facilities, Decision support system, alert and warning system in working condition. Presently, effort is being made to set up a permanent working DEOC for Kalimpong district so as to tackle any disaster situation effectively. Presently, Control Room cum DEOC is manned by the Civil Defence Volunteers round the clock in three shifts under the supervision of OC Disaster management/SDDMO and SITREP regarding disaster or all clear is sent to the State Control Room every day at 11am. During monsoon normal contact is maintained thrice a day.

Requirement of fund for modernization of the DEOC including VHF, UHF communication has been sent to the higher authority.



5.3 Identification of stakeholders involved in disaster response for Kalimpong district

Sl. No	Stakeholders	Department	Response work
1.	District Administration headed by the District Magistrate, Kalimpong	Department of Disaster Management Kalimpong	Activating CD volunteers at the affected site, on site assessment of damage, distribution of relief items and sending message to the SEOC and to activate IRT depending upon the magnitude of disaster. Reporting, documentation of details.
2.	Health headed by the Chief Medical	Chief Medical Health Office	Activation of department response plan, making services of all doctors, nurses, medical kit available to the district magistrate at the time of emergency

	Officer of Health		disaster event.
3.	Police headed by the Superintendent of Police, Kalimpong	Police Department.	First responder, providing security to relief distribution and at Relief camps, cordoning affected area, immediate inquiry and record of death, securing traffic for emergency vehicles etc. Provide communication support. Assistance in search and rescue by the SDRF
4.	Col.GS, 27 th Mountain Division, Durpin	Army	Rendering assistance to civilian authority during times of emergency. Providing man power as well as technical support where possible
5.	NDRF 2 nd Battalion headed by the Assistant Commandant	NDRF, 2 nd Bn, Matigara	Provide specialized support in search and rescue operations, provide paramedics, assist in restoring supply of essential items
6.	SSB headed by the Commandant	SSB, Malbazar	Provide manpower for search and rescue, assist in evacuation
7	DCF&S, Kalimpong	Food and Supply Dept. Kalimpong.	Maintain buffer stock of essential commodities, supply foodgrain to the relief camp, keep a strict vigil against hoarding and black marketing of essential commodities during disasters.
8	Irrigation and Waterways Dept. as headed by the Exe.Engineer	Irrigation and Waterways dept., Kalimpong	Be prepared to repair any damage or breach of embankment. Remain alert during monsoon and take immediate stock of embankments after an earthquake.
9	NH10	PWD Divison II	Inform district authority and police about any road block due to landslide. During times of disaster be prepared to keep the road open for emergency vehicles and not let the road be blocked for more than 12 hours even in the face of worst disasters.

5.4 Formation of Teams for Kalimpong District

Sl. No.	Name of Team	Department	Response work
5.4.1	Early Warning	IMD, Kolkata.	For Cyclone, heavy rainfall
		SEOC	For lightning strikes
		CWC, Jalpaiguri.	For water level of the Teesta
		Chief Engineer, TLDP-V, Singtam	For sudden release of water from NHPC-TLDP V Dam towards Teesta bazar, Melli bazaar, etc.
5.4.2	Search & Rescue	Fire Services, Civil Defence, NDRF, Army, SDRF	Work under IRT Operations section as separate Task Forces
5.4.3	Evacuation	Fire Services, Civil Defence, NDRF, Health, Police, Local volunteers	Work under IRT Operations section as separate Task Forces
5.4.4	Damage and Loss Assessment	Disaster Management Section, ARD, Agriculture Dept., PHE, PWD	Prompt site visit and initial damage assessment report followed by detailed report and record of deaths, injuries or other damages
5.4.5	Information & Dissemination of early warning	DEOC/District Control Room	Passing of early warning downwards and receiving information from the lower level
5.4.6	Health & First Aid	Health Department	Provide paramedics and prepare hospital for casualty surge

5.6 Activation of IRS in the District

As per NDMA's IRS guidelines which prescribe for **Incident Response Team (IRT)** different IRTs with pre-designated structure have been formed where the Incident Commander is the District Magistrate at the district level and the Block Development Officers at the block levels. Apart from IRT Quick Response Teams (QRT) have been formed at gram Panchayat level also. *Annexure III for IRT & Annexure VII for QRT enclosed.*

5.7 Protocol for seeking help during disaster

Help from	Protocol for help	Contingency
State Govt.	Message of any disaster will be immediately sent to the SEOC through the district EOC. Magnitude of the disaster incident will be communicated to the government along with type of help required.	If all communications are down satellite phone will be used
NDRF	B Coy, 2 nd Battalion NDRF stationed at Matigara, Siliguri will be done by the District Magistrate(<i>Annex 4</i>)	If all communications are down satellite phone will be used
SDRF	Requisition for SDRF will be sent to the government through the DEOC	If all communications are down satellite phone will be used
Army	Requisition for 27 th Mountain Division stationed at Durpin, Kalimpong will be done by the District Magistrate. (<i>Annex 4</i>)	As per army protocol during emergency the army may be given a telephonic requisition but the format for requisition must be submitted later on.

5.8 Community Preparedness

During any disaster, communities are always the first responder. Community participation ensures local ownership, addresses local needs and promotes volunteerism and mutual help to prevent and minimize damage. Community based disaster preparedness is one of the keys to effective management of disaster. Training of community members in the field of Community based Disaster Management(CBDM) and Disaster Risk Reduction (DRR) is an on going process and different training programmes and mock drills for community members down to the grass roots level has been lined up for 2019 also.

5.9 Standard Operating Procedures (SOPs)

1	Protocol and Arrangement for VIP visits	As per arrangement by Kalimpong Police Administration in consultation with the District Administration
2	Procurement (Tents,blankets,tarpaulins,equipments, etc)	Through the Department of Disaster Management, WB

5.10.1 Knowledge Management and Sharing

Uploading of information on resources in the India Disaster Resource Network(IDRN)	As a district Kalimpong has not received the user ID and password for uploading resource details in the IDRN
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5.10.2 List of Search and Rescue equipment for uploading in the IDR N

District HQ & Block wise list of Search & Rescue equipment in operable condition					
Sl. No.	Name of equipment	Dist HQ	Kalimpong I	Kalimpong II	Gorubathan
1	10mm Kernamental Rope (200mm)	03	0	0	0
2	11mm Rope (100mm)	01	0	0	0
3	8mm Kernamental Rope (150mm)	02	03	02	02
4	Aluminium Ladder (10 ft. & 12 ft.)	02	01	01	01
5	Aluminium Stretcher	01	01	0	0
6	Anchor Rope	01	01	0	01
7	Axe with handle	03	02	0	01
8	Charger Light	02	02	01	02
9	Crow/Iron bar	10	04	10	04
10	Drill Machine	02	01	02	02
11	Dust Mask	31	24	50	50
12	Ear Plugs	11	15	17	17
13	Electric Drill (Heavy Duty)	01	0	0	0
14	Extension Cord 30 Mtr.0	01	01	0	0
15	Fire & Rescue Helmet	08	0	0	0
16	Fire Boot & Gloves (in pair)	05	11	06	06
17	Fork	10	04	10	04
18	Gainti with Handle	06	01	0	01
19	Generator (Honda)	01	01	01	01
20	GPS Set	01	01	01	01
21	Grover Long (TATA)	05	0	0	0
22	Grover Short (TATA)	05	0	0	0
23	Hack Saw Frame with Blade	03	03	0	01

24	Hammer 10 kg	10	04	10	04
25	Hammer 5 kg	05	04	10	04
26	Hand Plough (Local)	06	0	0	0
27	Harness set	01	0	0	01
28	Head Torch (Petzel)	02	0	0	0
29	Helmet	04	04	10	03
30	Hydraulic Jack	01	0	0	0
31	Iron Pickets	05	0	0	0
32	Life Jacket	06	04	06	06
33	Lock Cutter	01	01	01	01
34	PAC (Handheld mike)	02	0	01	0
35	Pick Axe	02	0	0	0
36	Power Chain Blade	01	01	01	0
37	Power Saw	03	01	01	0
38	Relief jacket (Id jacket)	08	10	10	04
39	Reflective Jacket	55	25	25	25
40	Rope Bag and Pack	0	03	02	02
41	Rope Protector	01	0	0	0
42	Safety Goggles	06	03	02	02
43	Satellite Phone	01	0	0	0
44	Search Light (Dragon)	0	01	0	0
45	Shovel	10	04	10	03
46	Sickle	01	02	0	03
47	Slab Cutter (Circular Saw)	01	0	0	0
48	Spade	10	04	0	03
49	Stretcher	02	0	01	0
50	Torch Light (Rechargeable)	02	02	0	0

51	Torch Light 3 Cell	01	0	0	0
52	Vehicle for Rescue (Civil Defence)	01	0	0	0
53	Fire Extinguisher(Co2, Water based & DCP)	10	0	0	0

5.10.3 Resource inventory of Army,NDRF, GREF, Kalimpong Municipality, Fire Dept., List of Ambulances & JCBs in *Annexure V*

5.11 Identification of Vulnerable Points and their Shelter Points – *Annexure I enclosed*

5.12.1 Medical Preparedness Plan –

The Pan American Health Organisation defines disaster as an overwhelming ecological disruption that exceeds the capacity of a community to adjust, and consequently requires assistance from outside in terms of medical relief and hospital. Jenkins considers disaster as a time that needs declaration when the immediate load on emergency system is greater than normal operator can care for.

Both definition points out the fact that outside support is required to keep the medical system working during emergencies. During times of disaster it greatly helps to have a strategy wherein optimal utilisation of resources in terms of man power, logistics and time constraint are clearly thought out and put into words. Therefore, a DDMP will not be complete in the absence of a robust medical response plan.

According to the NDMA hospital safety guidelines a hospital may be affected internally or externally and during disasters there could be a combination of both. In this respect there could be three possible disaster scenarios for a hospital :

- i) **Community Affected – Hospital Unaffected** : In such a scenario there may be a surge of patients which will put tremendous pressure on the existing resources of the hospital. In such a case the hospital will be overwhelmed if it is not prepared to increase its surge capacity as soon as the disaster occurs.
- ii) **Community Unaffected – Hospital Affected** : Such scenarios arise from the internal disaster of a hospital like the AMRI hospital fire incident in Kolkata where more than 90 people died. Such a scenariomay warrant an immediate evacuation which is partial or complete and the critical patients may need to be transferred to a networked hospital.
- iii) **Community Affected – Hospital Affected** : Such a scenario worsens the situation by putting overwhelming pressure on the hospital which itself has been impaired. Even worse is the situation where the hospital itself has collapsed resulting in loss of critical services like electricity, water, man-power. The Gujarat earthquake of 2001 turned the Bhuj district hospital to rubble killing a doctor and a few assistants when thousands were killed or injured outside and when it was most needed.

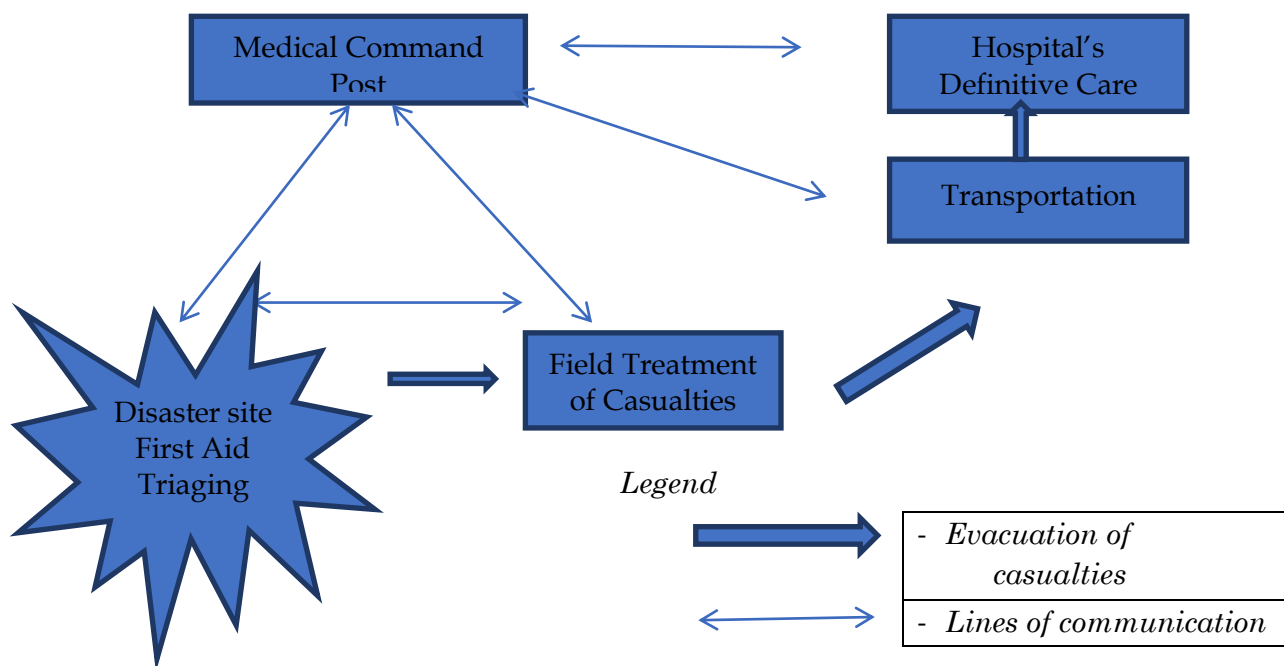
The **World Health Organisation** has defined a safe hospital as one that:

- will not collapse during disaster, killing patients and staff;
- can continue to function and provide its services as a critical community facility when it is most needed; and,
- is organised, with contingency plans in place and health workforce trained to keep the network operational.”

Medical preparedness plan involves three stages :

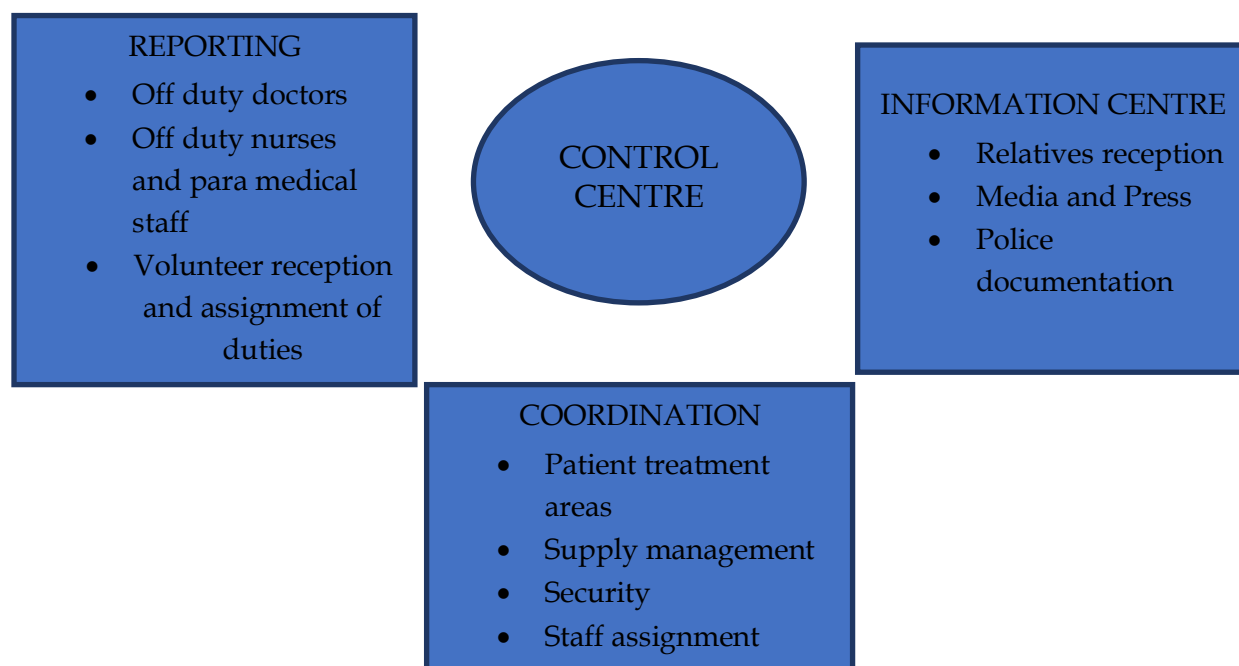
- 1) Pre-hospital stage-plan : This will address to warning phase, threat phase and the rescue and relief phases in the chronology of disasters. This stage would involve in rescue, first-aid, triaging and transport.
- 2) Hospital stage-plans for hospitals involve definitive treatment, care and recuperation.
- 3) Rehabilitation stage – This stage includes mental health rehabilitation of disaster victims like post trauma stress care.

Organisation of Medical Relief in Disaster Zones



Source : PAHO

Roles and Responsibilities of Control Centre in Hospital



5.12.2 Chronology of medical response to disaster as per UNDRO

Warning and threat phase	Preparedness after issue of warning will require a quick assessment of logistical support that is available and assembling and despatch of first aid and triage teams to the anticipated disaster zones
Rescue and Relief phase	A quick analysis of the problem is undertaken. Medical relief teams fan out and reach out to the victims to provide first aid, triage, stabilisation, loading and transport to definitive care facility
Immediate action phase	At this point patients are received in definitive care, information transfer is achieved, a re-assessment of training is done, treatment is instituted, emergency room/intensive care is provided and definitive diagnosis and treatment is given.

5.12.3 Detail of Medical Disaster Response Plan detail of Kalimpong district in *Annexure VI*

5.13 QRT list & CD Volunteers list – *Annexure VII*

5.14 Mela or Public gatherings, etc. in Kalimpong

Sl.No.	Mela or other public gathering event	Date	Location
1	Maghey Mela at Triveni, and Najok, Kpg I Block	9 Feb.	Najok, Kalimpong I
2	Republic Day Parade at Mela Ground	26 Jan	Kalimpong Town
3	Dol Jatra duty at Mela ground	9-10 March	Kalimpong Town
4	Ram Navami Fair	02 April	Mangal Dham, Kalimpong
5	Independence Day Celebration at the District Hq., Town Hall and Mela Ground	15 Aug	Town Hall & Mela Ground, Kalimpong
6	Durga Puja	22-26 Oct	Main Road, Kalimpong

Chapter 6

Capacity Building & Training Measures

CHAPTER 6

6.1 - Capacity Building & Training Measures : In order to achieve Disaster preparedness of all stakeholders and to create a disaster resilient society capacity building of line departments, stakeholders, community members, etc. is of great importance. Developing and strengthening DDMP and Disaster Management administration without awareness among all concerned may not be achievable or even if achieved may not be sustainable. The following equation explains the significance of capacity building in a better manner :

$$\text{Disaster Risk(D)} = \frac{\text{Hazard(H)} \times \text{Vulnerability(V)}}{\text{Coping capacity (C)}}$$

Here $H \times V = D$ (resultant disaster), the higher the hazard and vulnerability the higher will the resulting disaster be. Increasing coping capacity will negate the adverse effect of a disaster to a great extent and thereby proving to be very cost effective in the long run.

In Kalimpong district numerous such capacity building measures have been adopted in the form of community based disaster awareness and preparedness programmes. Even in the past under the Disaster Risk Management Programme (DRMP) communities were taught about not only different types of hazard faced by them but they were also helped to prepare Village Disaster Management Plans (VDMP) and to form Village Disaster Management Committees (VDMC) including Village Disaster Management Teams (VDMT). During the DRMP out of the total target of 800 nos. of teachers some 500 were given trainers' training in different Blocks and Municipalities of Kalimpong. In 2018 7 nos. of training programmes were held in different parts of Kalimpong where a total of 476 nos. of people including CD Volunteers, Civic Volunteers, Teachers, Students, NGOs and Community members were imparted trainings on Disaster awareness, School safety, Fire safety, First aid, Search and rescue, etc.

6.2 - According to the NDMA the capacity building plan should cater to 'differential capacity building needs based on the functional responsibilities assigned to stakeholders.' Therefore, capacity building plan should be of various types.

6.2.1 – Institutional capacity building – i) Capacity building of Officials & Policy makers, ii) Engineers, Architects, Masons, Doctors, Nurses, Teachers and other professionals, iii) State police, Fire services, State Disaster Response Force

6.2.2 – Community capacity building and Community Based Disaster Management - special focus on different vulnerable groups like women particularly pregnant women and lactating mothers, children, old and infirm, persons suffering from serious ailments and with various kinds of disabilities.

6.2.3 – Training of Trainers whereby creating sufficient numbers of Resource Persons and devising disability inclusive training for all relevant service personnel including Civil Defence, Home Guard, NVF, etc.

6.3 – Disaster Management Education in schools and colleges is one very important part of capacity building of the society. Disaster Management Education in Medical, Information Technology and Engineering colleges will greatly help to create doctors, technocrats and engineers with knowledge about disaster management which will ultimately contribute in the cause of Disaster Risk Reduction .

6.4 – Skill upgradation and follow up training programmes.

In 2019 the capacity building exercise will be carried forward where Officials of different line departments, Policy makers from Kalimpong Municipality, Teachers and students will be imparted training to enhance their coping capacity. Provisions will be made for training of Engineers, Architects and village masons regarding building of earthquake resistant structures. Doctors, Nurses and Hospital management will be given training regarding Hospital safety and preparing Hospital DMP adhering to the guidelines laid down by the NDMA. The following Capacity Building plan has been lined up for 2019.

TRAININGS, AWARENESS PROGRAMMES AND MOCK EXERCISES DONE IN 2019-20

Sl.No.	Date	Place	Training Particulars	Target Participants
1	28.02.19	District HQ, Kalimpong	Mock Exercise on Earthquake preparedness	District Disaster Management & Civil Defence, Fire, Police, Health, School students
2	15.11.19	Nimbong Zero Point, Kalimpong-I Block	Mock Exercise on Landslide	District Disaster Management & Civil Defence, Fire, Police, Forest, ARD, Health, School students, SHG, Local villagers
3	27.11.19	WBSETCL, Kalimpong Sub Station	Disaster Awareness including Earthquake and Sub station safety	Engineers and staff of WBSETCL
4	28.11.19	Kagay GP, Kalimpong-II	Awareness programme on Landslide, Earthquake, Fire	Local villagers
5	19.12.19	Lava GP, Kalimpong-II	Awareness programme on Landslide, Earthquake, Fire	Local villagers
6	21.01.20	Kalimpong Govt. High School	Fire safety and Evacuation	Teachers and Students
7	11.02.20	District Hospital, Kalimpong	Hospital safety	Doctors, Nurses, Hospital staff
8	18.02.20 & 19.02.20	District HQ	School safety and Disaster Management awareness	Panchayat staff from all Blocks

**CALENDAR FOR TRAINING AND MOCK DRILL PROGRAMMES UNDER
DISASTER MANAGEMENT AND CIVIL DEFENCE SECTION, KALIMPONG
DISTRICT FOR 2020 is given at *Annexure XI*.**

Chapter 7

Response and Relief Measures

Chapter 7 – Response and Relief Measures

Response in Disaster Management denotes measures those are taken instantly following a disaster aimed at minimizing injuries, loss of life and damage to property and the environment and rescuing those who are affected or likely to be affected by disaster. Response process begins as soon as it becomes apparent that a disastrous event is imminent and lasts until the disaster is declared to be over. Since prompt response is conducted with an aim of utilizing the golden hour that too, in most cases, with limited information and initial responders, it is one of the most difficult components of disaster management. Response includes not only those activities that directly address the immediate needs, such as search and rescue, first aid and shelters, but also includes systems developed to coordinate and support such efforts.

For effective response, all the stakeholders need to have a clear perception/vision about hazards, its consequences and actions that need to be taken in the event of it. The Disaster Management Department of the District is the Nodal Department for controlling, monitoring and directing measures for organizing rescue, relief and rehabilitation. All other concerned line departments should extend full cooperation in all matters pertaining to the response management of the disaster whenever it occurs. The District EOC and other control rooms at the District level should be activated with full strength.

Disasters may be with Early Warning or without any Warning:

Upon receiving warning or alert from any authorized agency such as IMD, CWC, SEOC the DEOC under the District Magistrate's instruction will alert all stakeholders and upon being informed about the occurrence of a disaster, the response structure of the District Administration will be put into operation. The District Magistrate will assume the role of the Responsible Officer/Incident Commander during the emergency situation.

In case of disaster without warning the District Magistrate will activate IRT as per Incident Response system, will hold an emergency meeting to take stock of the situation, availability and mobilization of resources for listing out the various tasks and to provide proper briefing to the responders. In such a scenario the decision making will be supported by concerned departments with the help of RVS system.

Response Plan may require different task forces for adequate response to different disaster scenarios where specific functional tasks, such as search and rescue, the provision of water or shelter management, etc.

Response Measures-Multi Hazard Operation Taskforce	Functions
1. Coordination and Planning	Coordinate early warning, Response & Recovery Operations
2. Administration and Protocol	Support Disaster Operations by

	efficiently completing the paper work and other Administrative tasks needed to ensure effective and timely relief assistance
3. Warning	Collection and dissemination of warnings of potential disasters
4. Law and Order	Assure the execution of all laws and maintenance of order in the area affected by the incident.
5. Search and Rescue (including Evacuation)	Provide human and material resources needed to support local evacuation, search and rescue efforts.
6. Public Works	Provide the personnel and resources needed to support local efforts to reestablish normally operating infrastructure.
7. Water	Assure the provision of sufficient potable water for human and animal consumption (priority), and water for industrial and agricultural uses as appropriate.
8. Food and Relief Supplies	Assure the provision of basic food and other relief needs in the affected communities.
9. Power	Provide the resources to reestablish normal power supplies and systems in affected communities.
10. Public Health and sanitation(including First aid and all medical care)	Provide personnel and resources to address pressing public health problems and re-establish normal health care systems.

Response planning provides rapid and disciplined incident assessment to ensure a quickly scalable, adaptable and flexible response. It incorporates National and State response doctrine, which defines basic roles and responsibilities for incident response across all levels of government and the private sector. Before taking up response activities, the DM (RO/IC as per IRS) will hold a meeting to take stock of the situation, availability and mobilization of resources for listing out the various tasks and to provide proper briefing to the responders. The Incident Action Plan will be drawn and put into action based on the situation assessment. The DM / RO will nominate Operation Section Commander (OSC) based on —incident type and rest will follow as per IRS/IRT and other procedural guidelines issued by the state. IRT for Kalimpong has been mentioned in Chapter 5. Response system has been prepared in the same chapter.

Chapter 8

Reconstruction, Rehabilitation and Recovery Measures

Chapter 8 – Reconstruction, Rehabilitation and Recovery Measures

According to the NDMA Recovery encompasses both short term and long term efforts for the rebuilding and revitalization of affected communities. Recovery planning must provide for a near seamless transition from response activities to short term recovery operations – including restoration of interrupted utility services, re-establishment of transportation routes and the provision of food and shelter to displaced persons. Planners should design long-term recovery plans to maximize results through the efficient use of resources and incorporate national recovery doctrine. Therefore, the Recovery Plan would take the following components into account :

8.1 Damage assessment mechanism – The aftermath of a disaster is always a sordid picture of large scale devastation, loss of life, massive destruction of property as well as severe shortage of required relief materials and medical aid compounded by infrastructural damage. Damage assessment is a precondition for effective disaster management. The nature and intensity of disaster aftermath need to be ascertained systematically before conceiving or implementing any type of disaster management plans. There are different techniques of damage assessment like Sample Surveys, Epidemiological Surveillance, Nutrition Centred Health Assessment, Remote Sensing and Aerial Photography (GIS based).

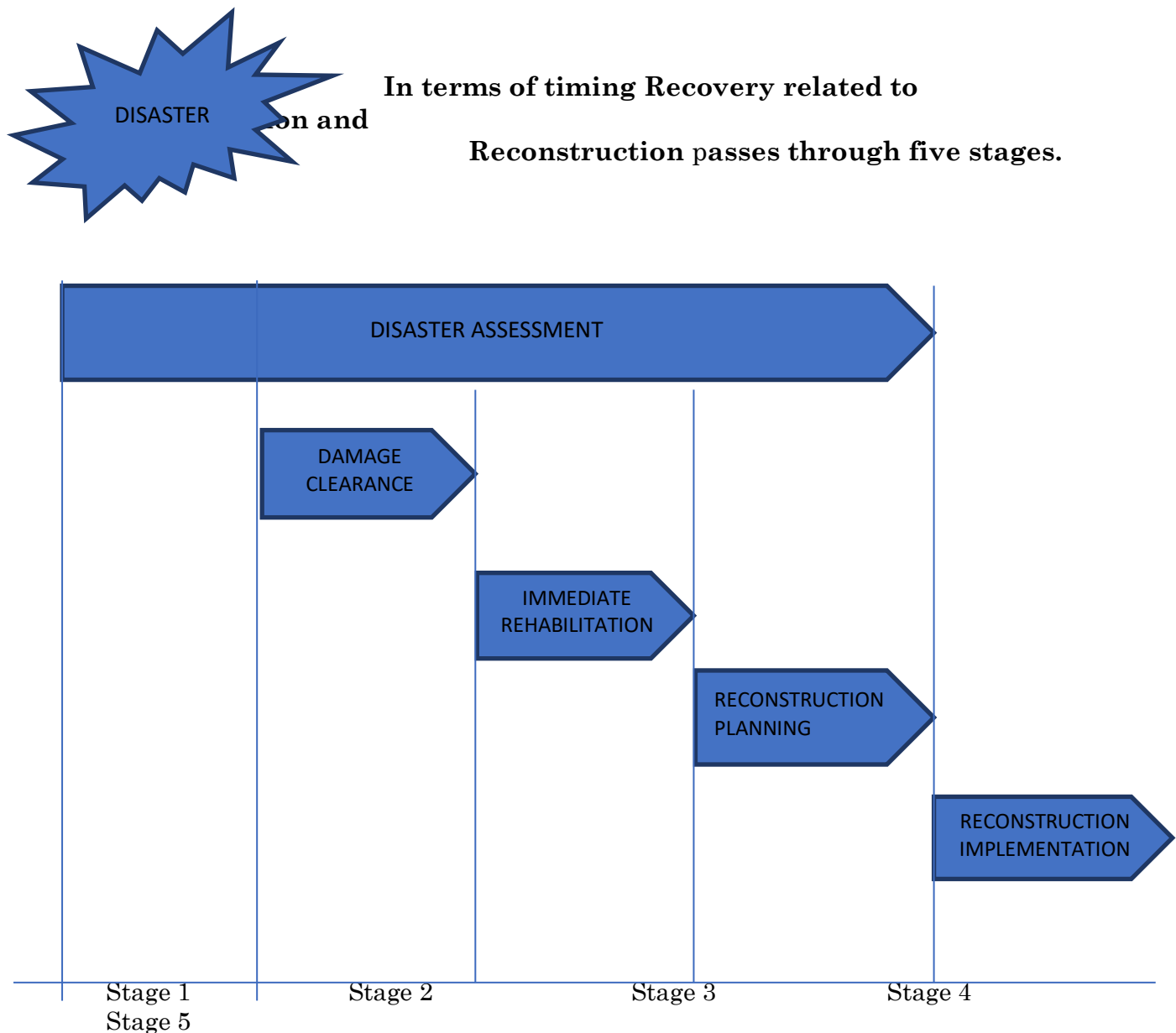
8.1.1 A Sample Survey is an important part of Post Disaster Need based Assessment (PDNA) and as such the primary tool for needs assessment and is relevant for evaluation purposes in order to detect and monitor the disaster impact. A representative sample of a population is surveyed, from which valid estimates of the status of an entire target group are made. Even though it can never be a complete assessment, it could still provide a good indication of the rehabilitation needs and requirement. Sampling will provide information on the entire range of problems and /or conditions facing the population. Sample surveys can be undertaken by administering questionnaires for collecting some of the required information like morbidity /mortality figures and statistical analysis for assessing the data collected.

8.1.2 Epidemiological Surveillance is the collection and interpretation of data on the risk or actual occurrence of communicable diseases and other health problems in the post disaster scenario. It is a very essential assessment tool in the aftermath of a disaster particularly for a slow-onset and continuing disasters, especially where changes in the living patterns occur such as relief camps of disaster victims. Epidemiological Surveillance should be carried out by government health authorities after a disaster of great magnitude which may also involve voluntary agencies.

8.1.3 Nutrition Centred Health Assessment (NCHA) evaluates the health and nutritional status of children under the age of five as the point of contact to detect and assess a full range of health problems. This assessment technique is used for analysing the plight of refugees and displaced persons due to natural disaster or man-made disaster like wars.

8.1.4 Remote Sensing and Aerial Photography (GIS based) can be valuable in determining the extent of damages caused by a disaster in the form of satellite

imageries. These tools also offer the possibility of acquiring data over remote regions or areas made inaccessible by disruption of roads and other communication systems. These also help in disaster assessment and reconstruction planning. Remote sensing and aerial photography by aircraft and satellites are valuable information gathering tools for damage assessment after earthquakes, cyclones and floods.



Source : Yasemin Aysan and Ian Davis, 1993.

Due to the overwhelming demand for human resources in the post catastrophe scenario, wide range of players including the public, private and voluntary sectors of the society need to be involved. In the post disaster scenario while planning for disaster recovery it should be made certain that i) available players

are involved, ii) qualified players are given appropriate tasks, iii) for each task there is a clear definition of authority, resources and accountability and iv) players are co-ordinated by a designated focal point.

Arrangement Reconstruction, Rehabilitation and Recovery Measures under Kalimpong

Sl.No.	Task	Dept./Agency	Activities	Time Period	Source of fund
1	Damage assessment – human lives lost	Hospital, Police, Red Cross. Final report prepared by the Disaster Management Department, Kalimpong	Door to door inquiry, report of death and injury tally with hospital and police	2 weeks	SDRF, SDMF
	Damage assessment – Sample Survey	Health, ICDS workers, NGOs	Conduct cluster sample survey, stratified sample survey, detailed sample survey, etc	4 weeks	SDRF, SDMF and funds from concerned dept.
	Damage assessment - Epidemiological Surveillance	Health, Red Cross & NGOs working in the field of health related issues	Door to door survey including relief camps	4 weeks	DM Fund, Concerned dept.
	Damage assessment - Remote Sensing and Aerial Photography (GIS based)	NRSC, IMD, GSI	Satellite imagery of disaster stricken areas	2 weeks	DM Fund, Concerned dept.
	Damage assessment - Damage to life line buildings, private houses and public infrastructure	Disaster Management Department, PWD Construction, and concerned department	Door to door inquiry to ascertain degree of damage	3 weeks	DM Fund, SDRF, SDMF, funds from concerned dept.
2	Reconstruction - Privately owned houses	Disaster Management Department	Construction of destroyed/damaged houses	1 year	HB Grant, Dev. Board housing, Gitanjali Housing

					Scheme, IAY, ISDP, Owner driven
	Reconstruction – Lifeline buildings, Govt.Housing, schools	PWD Construction, DPLO,GTA	Construction of destroyed/damaged public structures	1 year	SDRF,SDMF, Concerned dept
	Reconstruction - Roads, bridges,culverts,embankments	NH Division 9, PW Roads, GTA, MGNREGA, Irrigation & Waterways	Construction of destroyed/damaged infrastructure	2 years	SDRF,SDMF, Concerned dept
3	Rehabilitation - Post trauma care counselling	Health department, District Social Welfare and trained NGOs	Psychiatric help to victims of post trauma stress	1 year	Health dept, fund, SDRF
	Rehabilitation – Restoring livelihood, Food for work schemes	Disaster Management Dept., District Social Welfare, DPRDO	Schemes to restore normalcy by providing food for work schemes, MGNREGA	1 year	DM Fund, SDRF, SDMF, DPRDO
4	Recovery – Long term recovery	Disaster Management Dept., DPLO, DPRDO	Long term recovery by integrating disaster mitigation into Developmental programmes	Till next disaster	SDMF, All available funds

As per the NDMA guidelines the nodal departments are to diligently work for reconstruction and restoration activities and restore the minimum basic infrastructure in the area which is vital for sustaining human life in the area.

Chapter 9

Financial Resources for Implementation of DDMP

Chapter 9

Financial Resources for implementation of DDMP

9.1 The Disaster Management Act 2005 Section 47(1) provides for setting up of a National Disaster Mitigation Fund (NDMF) for projects exclusively for the purpose of disaster mitigation under NDMA. Similarly section 48 sub section 1, clause (a) calls for establishing the State Disaster Response Fund, clause (b) the District Disaster Response fund, clause (c) the State Disaster Mitigation Fund and clause (d) the District Disaster Mitigation Fund. It is also to be ensured that the fund created under sub section 1 clause (a) is available to the State Executive Committee and under clause (b) is available to the State Authority and funds under clause (b) and (d) is available to the District Authority. The State Disaster Mitigation Fund (SDMF) has been created for West Bengal vide 534(42)-RL/O/EOC/7M-124/17, dt.22.03.2018 as mentioned under section 48 of the Disaster management Act 2005.

9.2 In the same manner as SDMF there is a provision for creating District Disaster Mitigation Fund and District Disaster Response Fund for districts as per section 48, sub section 1, clause (b) and (d).

The Central Government contributes 75% of the fund under SDRF and 100% of NDRF is Central Government sponsored.

The mitigation measures as laid down in the DDMP are implemented with the help of Disaster Fund at the disposal of the DDMA, Kalimpong chaired by the District Magistrate. The Fund is used by the DDMA towards meeting expenses for preparedness, emergency response, relief, rehabilitation in accordance with the guidelines and norms laid down by the Government of India and the State Government. All line departments, PRIs and ULBs have to prepare and submit DM plans including the financial projections to support these plans on yearly basis.

Tentative expenditure towards disaster mitigation under Kalimpong district:

Details at Annexure XI.

Name of Scheme under Irrigation & Waterways Dept.	Amount involved	Remark
Landslide Protection work of Tin Dobaney Khola at Sindebong G.P in P.S Kalimpong (Phase-I)	Rs.2,06,11,000/-	
Protection of Topkhana Area by training Duku Jhora near Army Compound at Pedong in P.S. Kalimpong.	Rs.24,98,000/-	
Protection of Bhotay Jhora and adjacent areas at Ward No. XI in P.S. Kalimpong.	Rs.1,55,93,000/-	
Protection of areas around Mandir jhora at lower bong busty Gairi gaon in P.S. Kalimpong.	Rs.15,23,000/-	
Protection of Sai Mandir at Primtam road in P.S. Kalimpong.	Rs.39,66,000/-	
Bank protection work of Rong Khola At borbotey gaon at	Rs.43,57,000/-	

Yanmakum G. P. in P.S. Kalimpong.		
Protection around lower Rai gaon near Bhanjyang at Gorubathan in P.S. Gorubathan.	Rs.12,70,000/-	
Protection of areas near Gandhi Ashram at 6th mile Nassay busty in P.S. Kalimpong.	Rs.19,01,000/-	
Total =	Rs.5,17,19,000/-	

9.3 Disaster Risk Insurance

A very important part of disaster resilience of the society is the ability of bouncing back to normal life at a very short period. In this regard reconstruction of damaged infrastructure for the government and reconstruction of damaged buildings/houses for private owners will involve huge cost. Many private owners may not be able to recover on their own. The poorer section could be pushed even deeper into poverty in such cases. Agricultural loss, cattle loss will compound the devastating impact in terms of revenue loss. In such a scenario transferring risk by way of insurance of property is an effective recovery measure.

With little or no access to formal insurance mechanisms, or any awareness or interest on the part of Insurance companies, for disasters, the people are forced to delve into their savings for restoration of property, crops, cattle or treatment of injury, depleting their assets when disaster strikes and are forced into even deeper poverty. Mechanisms like social safety nets, risk sharing or pooling programmes, and insurance tools could help smooth household incomes when shocks occur. This smoothing effect can help low-income households avoid sacrificing longer-term investments in health, education, and livelihood assets when natural hazards occur. Insurance for crops and cattle which account for the maximum economic losses in times of disasters, even low key landslides, cyclonic wind or hailstorm needs to be expanded and made simpler and farmer friendly

Individual assets owner can opt for traditional Insurance, micro insurance, Insurance linked securities, etc.

Procurement of machinery and equipments details are given at Annexure IX

Chapter 10

Procedure & Methodology for Monitoring, Evaluation, Updation & Maintenance of DDMP

Chapter 10

Procedure and methodology for monitoring, evaluation, updation and maintenance of DDMP

10.1 Authority for maintaining and reviewing the DDMP

The authority for maintaining and reviewing the DDMP has been vested in the District Authority vide section 31 clause (4) of the Disaster Management Act 2005 which says that the District Plan shall be reviewed and updated annually, and as per sub section (7) the District Authority shall review from time to time, the implementation of the Plan and issue such instructions to different departments of the Government in the district as it may deem necessary for the implementation thereof. The DDMP for Kalimpong district is maintained, reviewed and updated annually during the period from January to March.

10.2 Proper Monitoring and Evaluation of the DDMP	Both processes are managed by the District Authority with the assistance of OC,DMS& Disaster Management Officers at the district Hq. Regular trainings and Mock exercises are held at different locations of the district and any loop holes or gaps in the DDMP are rectified and best practices followed.
10.3 Post-disaster evaluation mechanism for DDMP	Post-disaster evaluation is carried out by the District Authority along with the DDMC & other line depts. The whole process of incident management is carefully documented and required reports are sent to the state. Loop holes and gaps are laid down on the table discussed with aim to plug such gaps and be more prepared for the future.
10.4 Schedule for updation of DDMP : Regular updation process for the DDMP, reflecting sections that need updation at various intervals	DDMP is updated every year after a coordination meeting with line departments during the month from January to March. Mock exercises are conducted as per the disaster profile of the district and new ideas are included in the updation.
10.5 Uploading of updated plans at DDMA/ SDMA websites	The uploading of approved updated plan is done at the state level. In the district it is uploaded by the NIC.

10.6 Conducting mock drills at district and sub district levels, at least annually, is important for the district as per approved Mock drill calendar. It would ensure that all parties understand their roles and responsibilities clearly and understand the population size and needs of vulnerable groups involving them in the actual exercise. It would also help to test the efficacy of the plans prepared. Based on feedback from such simulation exercises, the plans will have to be revised and capacity would be enhanced to fill the gaps. While indicating the mock drill plan of action, it is essential to list down :

10.6.1 The Responsible parties for organizing district drills	Resource persons from the District Disaster Management Department, Kalimpong,
10.6.2 Schedule for organizing drills	As per Govt. order twice a year (in February and November)
10.6.3 Resources for organizing drills.	DM Fund available at the district
10.7 Monitoring and gap evaluation	Based on experiences gained by mock exercises
10.7.1 Checking whether all the personnel involved in execution of DDMP are trained and updated on the latest skills necessary in line with the updated plans.	Orientation programs can be carried out with the help of PowerPoint presentation
10.7.2 Check that the on –site /off-site emergency plan of major chemical, industrial and nuclear installations are received at DC Office.	Not Applicable

Chapter 11

Coordination Mechanism for Implementation of DDMP

Chapter 11

Coordination mechanism for implementation of DDMP

11.1 Intra and inter-Department coordination with horizontal linkages:

Departmental coordination is maintained vertically and horizontally at all times. Vertical linkage is maintained by way of yearly meeting of disaster preparedness, review and updation of DMPs of all line departments. Whenever there are mock exercises or mega mock exercises precursory meetings are held on regular basis. Disaster Management is presented as one of the agenda in the monthly DLMC meeting also. During monsoon contact is maintained with the affected department and information is obtained as frequently as the situation necessitates and assistance is provided if required.

11.2 Coordination mechanism with NGOs, CBOs, Self Help Groups (SHGs), Industries, private schools and hospitals with horizontal and vertical linkages:

Linkages is maintained with hospitals, industries through actions as mentioned at para 11.1. NGOs working particularly in the field of Disaster Management and Child protection are kept in the loop through meetings and capacity building programmes held in different parts of Kalimpong district from time to time. Coordination is built at individual levels too. Coordination is maintained with the CBOs, SHGs through respective BDOs and BDMOs. Many of the reputed private schools seem to be reluctant to reschedule their yearly schedule for School Safety Programmes and unable to commit. However, some of the private schools under the Blocks were included in the NSSP.

11.3 Coordination with block/ village level Task Force(s) with vertical linkages as also inter-block and inter-village coordination with horizontal linkages :

This mechanism is maintained through Gram Panchayat level meetings.

11.4 Coordination system with state departments and training institutes at state and district level:

Coordination with state departments is maintained through respective line departments and in respect of Disaster Management Dept., Kalimpong contact is maintained with Disaster Management Department, Directorate of DMD, Directorate of Civil Defence. Administrative Training Institute(ATI), Salt Lake contacts the Disaster Management Dept. or RTC under District Magistrate for trainings.

11.5 Intra-block and intra-village coordination:

Intra-block and intra-village coordination is maintained through block level disaster meetings and development meetings.

11.6 Coordination with local self government (Panchayat Raj - ZilaParishad, intermediate level, if any, and Gram Panchayat and Urban Local Bodies). The responsibilities of local authorities are already listed in the Act. However, these local authorities are required to function “subject to the direction of district authority” (section 41 of the DM Act 2005); hence the need for a vibrant coordination system at these levels.

Contact and coordination is maintained with the Panchayat Raj functionaries by the respective Block Development Officers with the help of BDMOs/BDMOs-in charge. Liaison is maintained with the ULBs at the SDO level and the District level and necessary guidance is provided while preparing DMP by these departments.

11.7 Linkage with DDMPs of neighboring districts

Linkage is maintained as per standard protocol.

11.8 Linkage with SDMP

The DDMP is prepared as per rules laid down by the Disaster Management Act, 2005 and as aided by NDMA guidelines. Therefore, the DDMP Kalimpong is prepared with a view to not only implement overall development of disaster management administration and related activities but also to contribute in the larger preparation of the state by means of SDMP, West Bengal.

Chapter 12

Standard Operating Procedure (SOP) & Checklist

Chapter 12

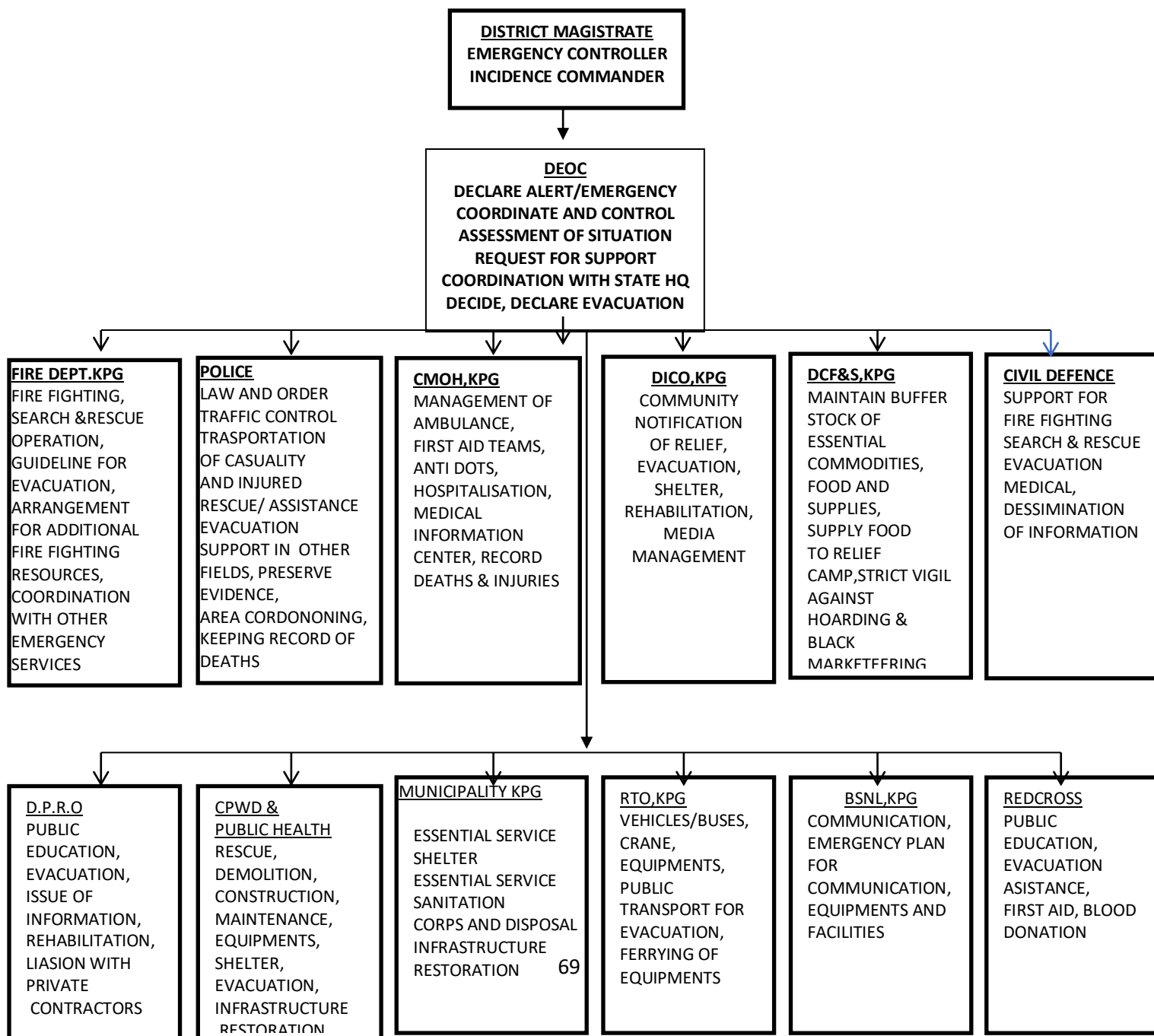
Standard Operating Procedure (SOP) and checklist

SOPs and checklists could be prepared for various stakeholders' effective response. These can be made based on the functioning of Emergency Support Function (ESF) groups or **IRS**. Depending on the hazard profile and level of exposure the district should decide in a participatory way the number of ESF covering all the above. The SOPs would briefly describe the following:

12.1 Definition of disaster situations :

After the occurrence of a disaster incident whether natural or human induced the DDMA Kalimpong will decide if it merits activating the full response system or not. If the DDMA finds the disaster incident beyond the handling capacity of individual concerned department it will activate the Incident Response System in order to make a response that is comprehensive, effective, swift and well planned.

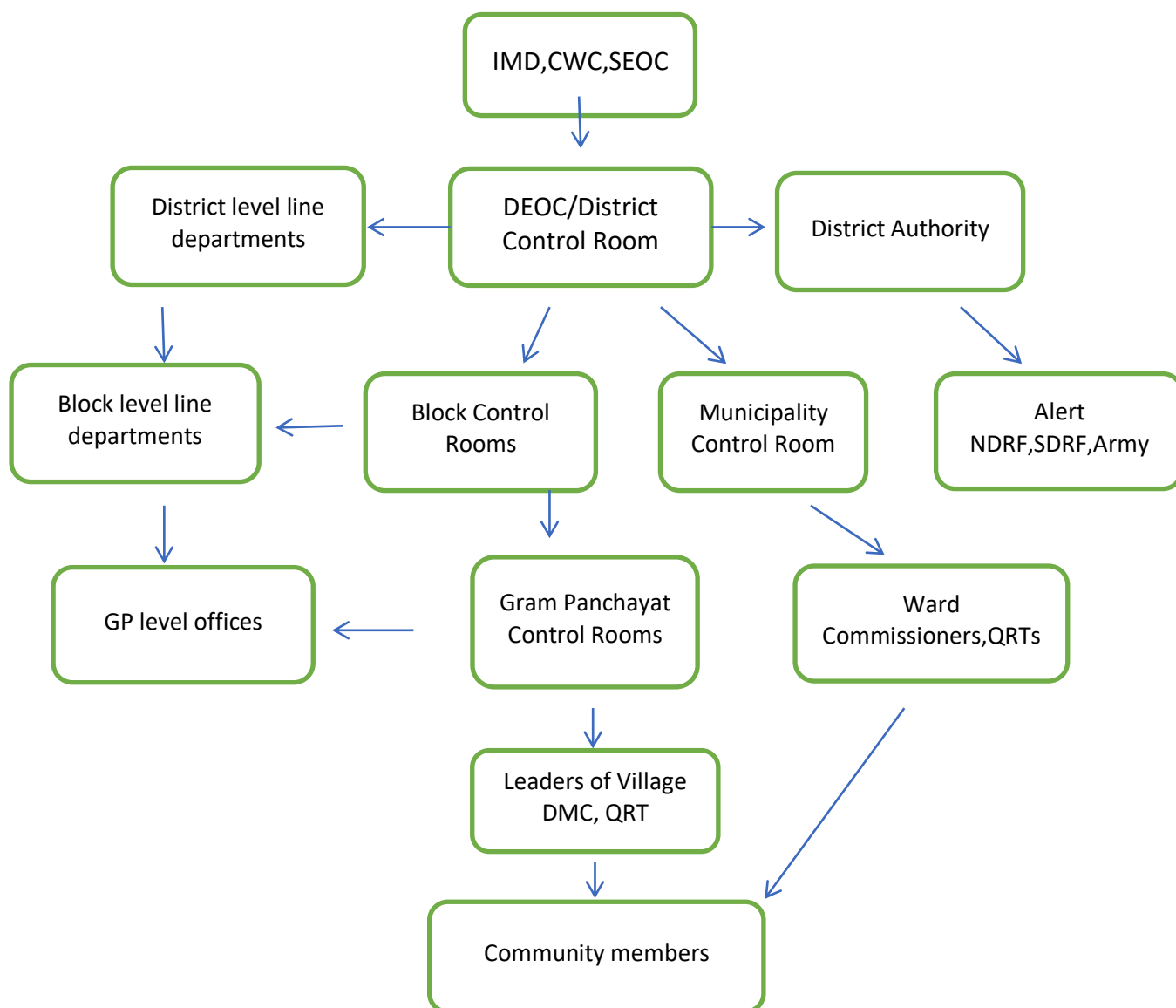
KALIMPONG DISTRICT EMERGENCY RESPONSE STRUCTURE



12.2 Action on receipt of warning and warning dissemination

In case of Early Warning of an impending hazard the following action will be taken : Upon receipt of warning DEOC will inform the in-charge of the Control Room and he in turn will inform the District Authority.

12.3 Information management and dissemination strategy



Pic: Flow of information (With Early Warning)

12.4 Process to access financial and technical resources (departments and stakeholders) for emergency response;

Section 50 clause(a) of the DM Act, 2005 states that the National Authority, the State Authority or the District may authorise the concerned department to make the emergency procurement if it is found that immediate procurement of

provisions or materials or the immediate application of resources are necessary for relief or rescue. For the purpose of minor emergency works, construction of relief camps and for purchase of dry food Contingency Fund may be used if available with the Disaster Management, Kalimpong.

12.5 Roles and responsibilities of the department or/and stakeholders in emergency response;

- i) After the incident of disaster having taken place the DEOC will operate in its full capacity and information will be gathered and collated.
- ii) After the activation of IRS the Responsible Officer/Incident Commander will assume charge at Incident Command post and call an emergency meeting of IRT Section chiefs on the basis of information at hand and also corroborated by initial inspection of disaster site/sites.
- iii) Incident Action Plan (IAP) verbal or written will be prepared, depending upon the magnitude of the disaster.
- iv) List of required types of resources will be placed and IDRN website will be checked for requirement of equipment or machineries if unavailable. Based on ETA of outside resources the action plan is made.
- v) Ideally IAP operation will be for not more than 12 hours.
- vi) Various agencies under the supervision of Operations chief will launch rescue, evacuation, salvage operation accompanied by First Aid teams.
- v) Rescued victims will be sent to the triage centre where they will be forwarded to definitive health care or released after first aid depending upon assessment by on site doctors.
- vi) Homeless victims will be sent to Relief Camps where gruel kitchens will be opened for feeding them including baby food. Foodgrain will be provided by the District Authority and in the event of insufficient food grains the same will be procured by the DCF&S, Kalimpong.

12.6 Media management strategy during emergency response:

Information will be released to press at particular interval by the Information Officer as per the IRS, in this case by the DICO, Kalimpong or whosoever is deemed fit by the District Authority.

Media will be used effectively as not only the mouthpiece of the department but also to dispel any fear, rumour or distorted information, etc. In case of a disaster affecting a large area information received from the media regarding an area that may not have been accessed by the Rescuers can be put to good use. Electronic media can be used to disseminate any new information regarding a disaster. If properly managed the media can be used as an effective tool for spreading dos and don'ts about the present disaster situation.

12.7 Request for state government assistance

Any request for state government assistance will go through the District Authority.

12.8 Relief and Rehabilitation Norms (Standards) Emergency Response/ Support Functions: As per extant rule.

12.8.1 Evacuation	The Disaster Management Authority, Kpg, Police, PWD, Municipality, Civil Defence, QRTs,NVF(if available)
12.8.2 Search and Rescue	Will be carried out by Civil Defence, Fire Dept.,NDRF,Army, other local volunteers
12.8.3 Cordoning the area	Police, CISF,SSB
12.8.4 Traffic control	Police, Home Guard
12.8.5 Law and order and safety measures	Kalimpong Police
12.8.6 Dead body disposal (Number of persons with disabilities who died or were seriously injured in disasters)	Health & Police along with local volunteers, Disaster Management Dept.,District Social Welfare, Red Cross
12.8.7 Carcass disposal (Add more if necessary)	Municipality, local volunteers
12.9 Humanitarian Relief and Assistance:	Disaster Management Dept., other aid workers under the supervision of the District Authority
12.9.1 Food	Gruel kitchen will be opened for providing cooled food to Relief camp inmates. Rice will be supplied from the Special GR quota
12.9.2 Drinking Water	P.H.E and Kalimpong Municipality
12.9.3 Medicines	C.M.O.H., Kalimpong
12.9.4 Psycho social and Trauma care	C.M.O.H., Kalimpong
12.9.5 Clothing	Disaster Management Dept., Kpg
12.9.6 Other essential needs	DM Kit will be provided by the Disaster Management Dept.,Kpg
12.9.7 Shelter Management (disability-inclusive accessible emergency shelters and disaster relief sites)	By Disaster Management Dept.,Kpg, District Social Welfare
12.9.8 Providing helpline	DICO, Kalimpong
12.9.9 Repairs and restoration of basic amenities (e.g. water, power, transport etc)	WDSCL, PHE, PWD, PW Roads, NH10, NH31,GTA, GREF
12.9.10 Management of VIP visits	Kalimpong Police, DIB in consultation with District Authority,Kpg
12.9.11 Maintenance of Emergency reserves including those by private agencies (Add more if necessary)	DCF&S, Kalimpong, Chamber of Commerce, Khudra Byapari Sangathan

Regarding mobilisation of IRT, QRT & CDV Annexure III & VII enclosed.

Chapter 13
Dam Safety Plan for
NHPC Teesta Low Dam
Project(As received
from NHPC-TLDP III &
IV)



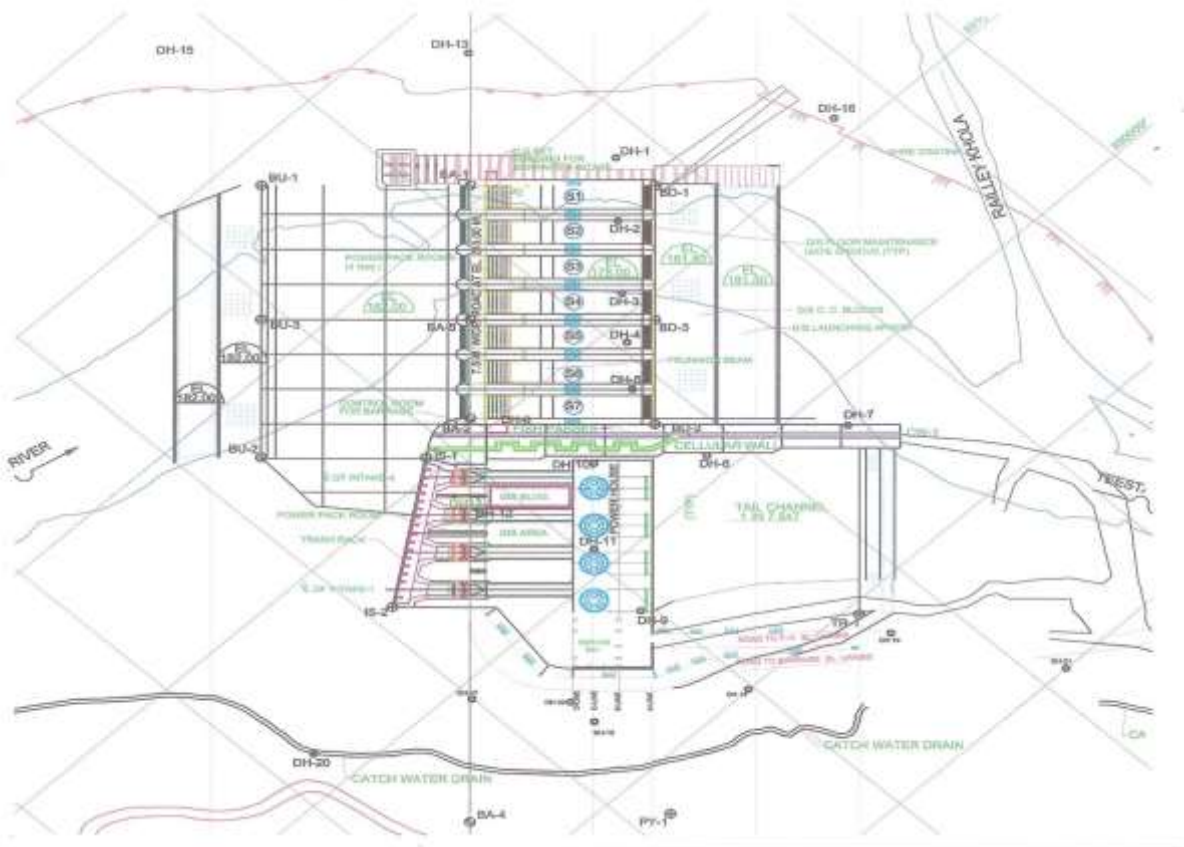
**TEESTA LOW DAM-III POWER STATION
Rambi, Distt, Darjeeling (WB)**

SITE MAP FOR DISASTER MANAGEMENT PLAN/EMERGENCY PREPAREDNESS PLAN

A

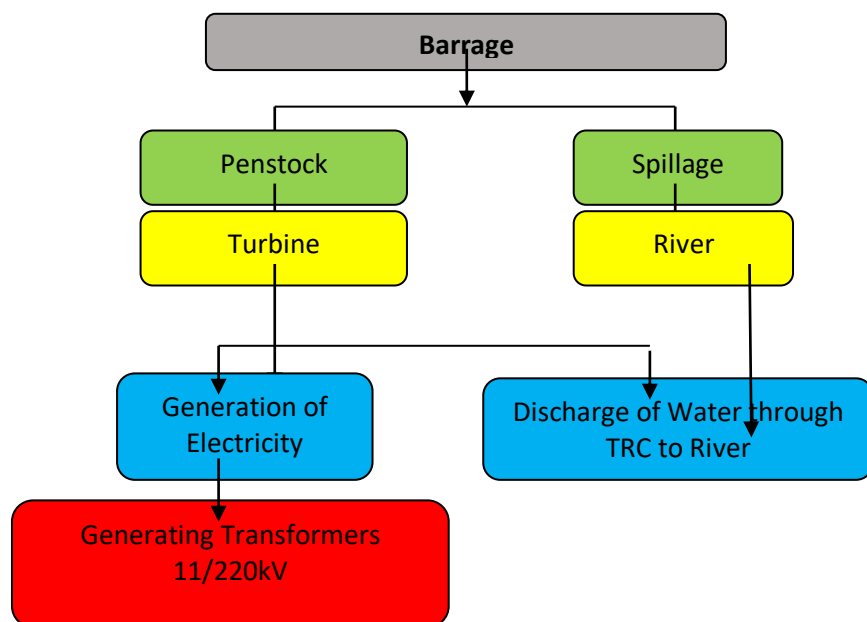
Power House Layout Drawing - 1

Floor wise evacuation plan, Drawing – 2 to 6



Salient Features of Teesta Low Dam-III Power Station

Generation Flow chart



1.0 DESCRIPTION AND LOCATION OF TLD-III BARRAGE

TLD-III Barrage is the last but one, in the series of four projects named TLDP-I, II, III & IV respectively all in the state of West Bengal envisaged as a run of the river scheme in a cascade development on the lower stretch of Teesta river. TLD-III PS is located 7.2km downstream of Teesta Bridge and is bounded by Latitude 27° 0' N and Longitude 88° 27' 30" E. Besides regulating the discharge, the barrage shall also raise the water level and provide a higher head for power generation. The FRL for the project has been kept at El. 208m to keep the submergence and related problems to a minimum. The MDDL has been kept at El. 203m to provide storage for peaking during lean flow period. The water in excess of the requirement of power generation shall be passed through seven (7) spillway bays regulated by radial gates. The crest of the barrage/spillway has been kept at El 183 m, i.e. almost at the riverbed so that retrogressive silt flushing near the intakes is effective. Therefore, no separate silt exclusion arrangement has been provided. A comprehensive Reservoir Operation Manual has been adopted and always kept available at Barrage Control Room, which operated at round the clock for monitoring and maintaining gate operation and reservoir as per requirement of Power Generation schedule, flood control etc. During the non monsoon season the reservoir operates close to the FRL and during monsoon season the reservoir shall be maintained at EL. 206.0m, so as to reduce the quantum of sedimentation in the live storage of reservoir & managing flood situation The salient features of TLD-III Power station are as below:

1.1 LOCATION

➤ STATE	WEST BENGAL
➤ DISTRICT	Darjeeling & Kalimpong
➤ RIVER	TEESTA
➤ BARRAGE SITE	7.2 KM. D/S OF
TEESTA BRIDGE	
➤ LATITUDE	27°00'00" N
➤ LONGITUDE	88°27' 30" E
➤ NEAREST RAIL HEAD	NEW JALPAIGURI
➤ NEAREST AIPORT	BAGDOGRA

1.2 HYDROLOGY & CLIMATOLOGY

➤ CATCHMENT AREA	7755 SQ.KM
➤ LOCATION OF CATCHMENT	LATITUDE 27°0'N to
28°07'N	
	LONGITUDE 88°0'E to
88°53'E	
➤ AVERAGE ANNUAL RAINFALL	2218MM
➤ MAXIMUM TEMPERATURE	37°C
➤ MINIMUM TEMPERATURE	8°C

1.3 RESERVOIR

➤ FULL RESERVOIR LEVEL (FRL)	EL 208.0M
------------------------------	-----------

➤ MIN. DRAW DOWN LEVEL (MDDL)	EL 203.0M
➤ GROSS STORAGE	18.36 M CUM
➤ AREA UNDER SUB-MERGENCE AT FRL	156.49 HA
➤ CAPACITY AT MDDL	11.57 M CUM
➤ LIVE STORAGE	6.79 M CUM

1.4 BARRAGE

➤ TYPE	RCC RAFT
WITH PIERS	
➤ TOP ELEVATION	EL 210.0 M
➤ CREST ELEVATION	EL. 183.0 M
➤ DOWNSTREAM FLOOR LEVEL	EL. 178.00 M
➤ LENGTH OF FLOOR	190.0M
➤ UPSTREAM FLOOR LEVEL	EL.182.0M
➤ UPSTREAM FLOOR THICKNESS	1.5m
➤ LENGTH AT THE TOP	144.50 M
➤ THICKNESS OF PIER	3.5m
➤ HEIGHT OF BARRAGE	32m (from
Stilling basin)	

1.5 SPILLWAY

➤ DESIGN FLOOD FOR SPILLWAY	10430
CUMECS	
➤ TYPE	GATED WEIR
WITH	
WALL	BREAST
➤ CREST ELEVATION	EL 183.0 M
➤ NUMBER & SIZE OF SPILLWAY OPENING	7 NOS , 14
M X 14M	
➤ TYPE OF GATE	RADIAL
GATE	
➤ DESIGN DISCHARGE FOR ENERGY DISSIPATION	5850
CUMEC	
➤ ENERGY DISSIPATION	STILLING
BASIN WITH	
	END SILL

1.6 DIVERSION ARRANGEMENT

➤ TYPE	DIVERSION
CHANNEL	
	AND DYKES
➤ DIVERSION CAPACITY	4700
CUMECS	
➤ HEIGHT OF CONCRETE COFFER WALL	21.6
(MAXIMUM)	
➤ HEIGHT OF DYKES	15.76 M

1.7 INTAKE

- | | |
|---------------------------------|---------------------|
| ➤ OVERT LEVEL | El.198.25 M |
| ➤ INVERT LEVEL | El 189.15 M |
| ➤ NUMBER & SIZE OF GATE OPENING | 4 NOS ; 7.0 M X 7 M |
| ➤ STOPLOGS OPENINGS | 4 SETS 7 M X 7 M |

1.8 PENSTOCK

- | | |
|--------------------|-----------|
| ➤ NUMBER | FOUR |
| ➤ SHAPE | CIRCULAR, |
| ➤ SIZE | 7.0M DIA |
| ➤ LENGTH | 44 M EACH |
| ➤ DESIGN DISCHARGE | 173.4 |
| ➤ CUMEC(EACH UNIT) | |

1.9 POWER HOUSE

- | | |
|---------------------------------------|-----------------|
| ➤ TYPE | SURFACE |
| ➤ DESIGN DISCHARGE | 693.6 CUMECS |
| ➤ INSTALLED CAPACITY | 4 X 33 MW |
| ➤ POWER HOUSE | 125X23.5X56.9 M |
| ➤ NUMBER OF UNITS | 4 Nos. |
| ➤ TYPE OF TURBINE KAPLAN | |
| ➤ TURBINE AXIS ELEVATION | El.180.0m |
| ➤ MAXIMUM GROSS HEAD | 22.09 M |
| ➤ RATED NET HEAD | 21.34 M |
| ➤ DRAFT TUBE GATE | 8 |
| ➤ NOS.,5.95MX7.40M | |
| ➤ MINIMUM TWL(FOR ONE MACHINE) | El.182.73m |
| ➤ NORMAL TWL (4 UNITS RUNNING) | El.184.24m |
| ➤ MAXIMUM FLOOD LEVEL FOR 10430 CUMEC | El.194.75m |

1.10 TAIL CHANNEL

- | | |
|--------------|-------------|
| ➤ SHAPE | TRAPEZOIDAL |
| ➤ BASE WIDTH | 88 M |
| ➤ LENGTH | 100 M |
| ➤ WEIR LEVEL | El. 180.0 M |

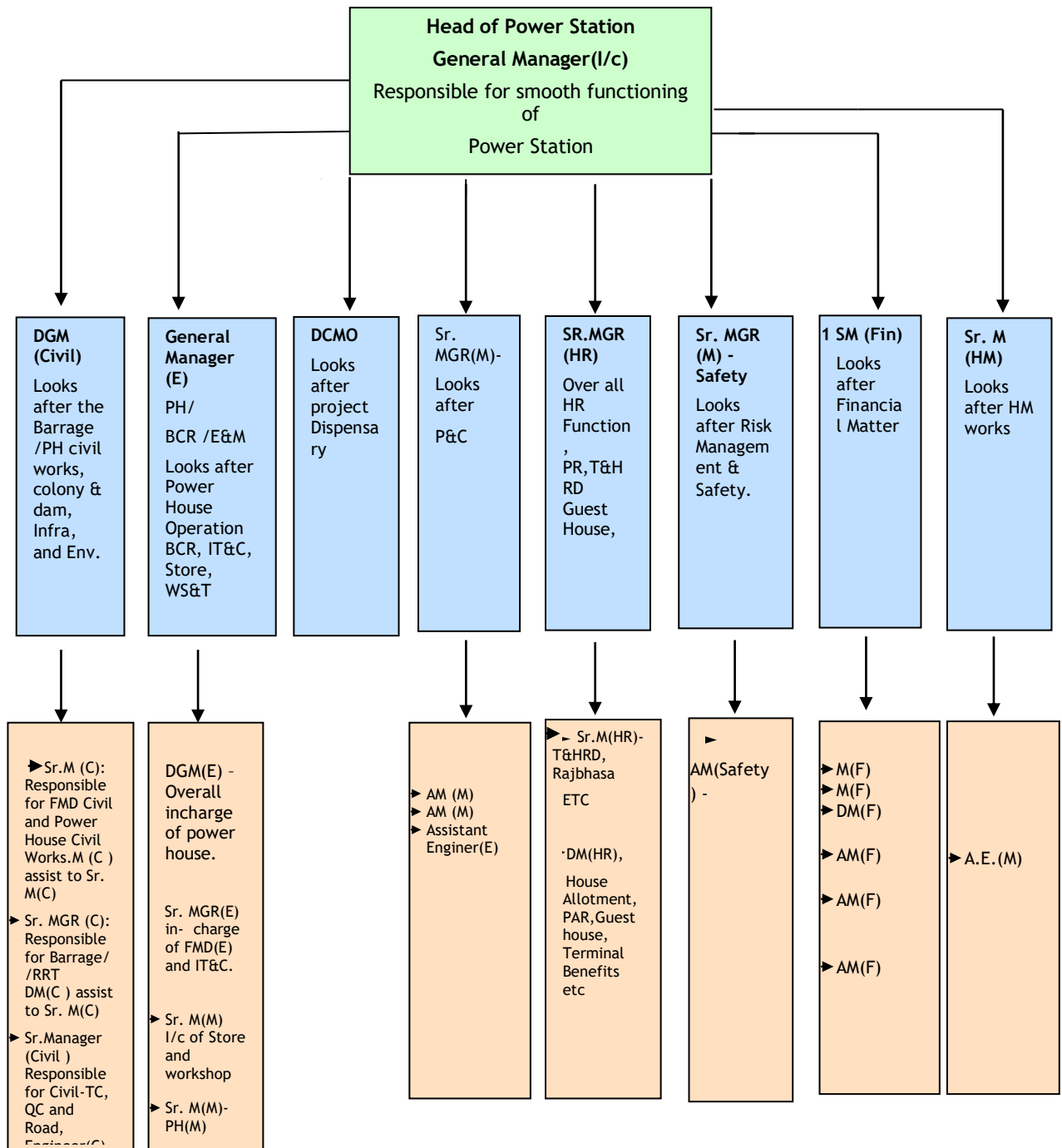
1.11 POT HEAD YARD

- | | |
|---------------------|----------------|
| ➤ SIZE AND LOCATION | 35X11.5 M AT |
| EL. 197.00 | |
| INTAKE AND D- | BETWEEN |
| | LINE ABOVE GIS |

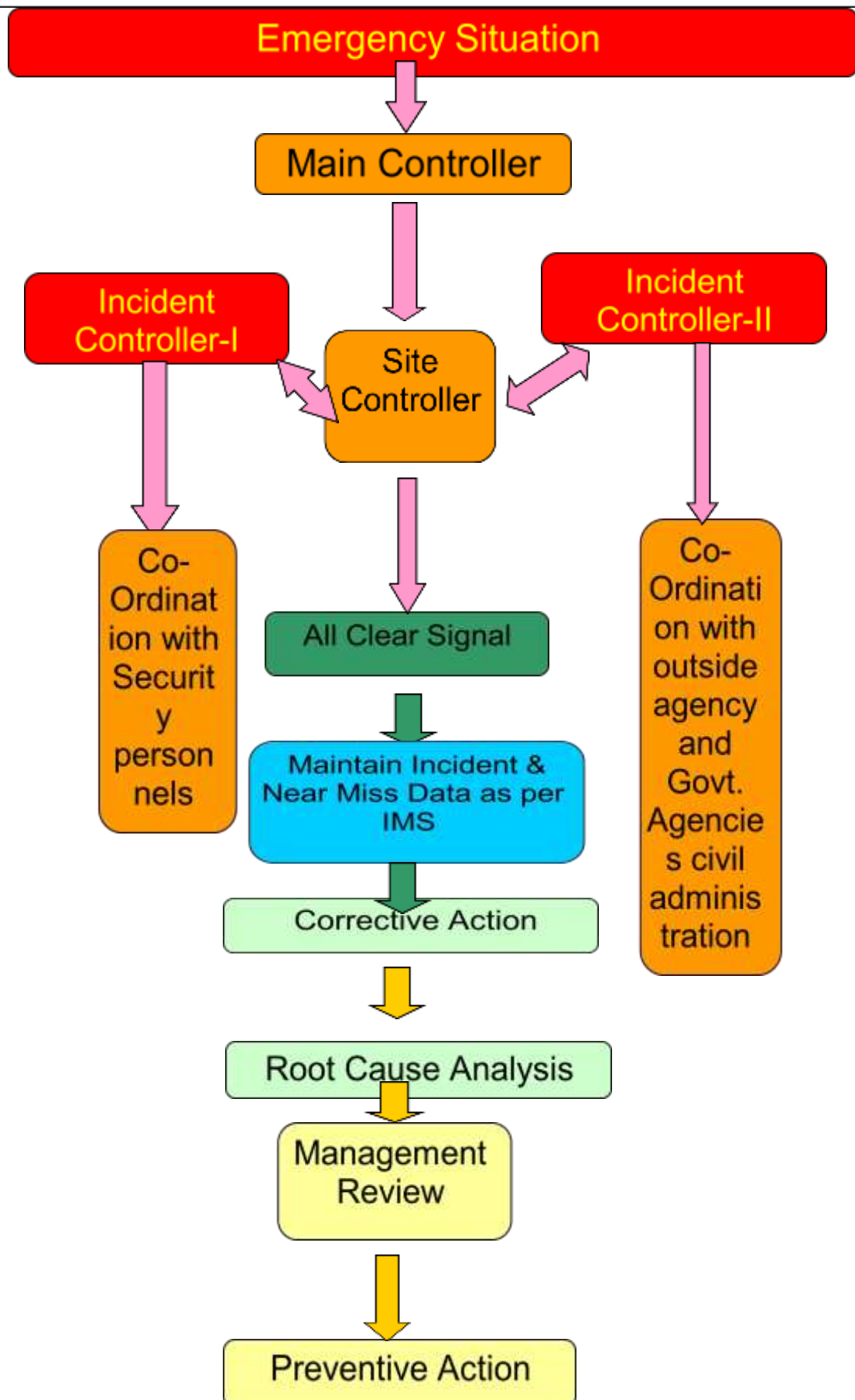
1.12 POWER GENERATION

ANNUAL ENERGY GENERATION IN 90% DEPENDABLE YEAR IS 594.0

Organization Chart of Teesta Low Dam-III Power Station is as given below:



EMERGENCY SITUATION HANDLING FLOW CHART



Contact numbers of key personnel & Control Rooms

A) Power Station

Sl. No.	Name(Shri)	Designation	Intercom	Contact No.	Email id
1	A.K. GROVER	General Manager (I/c)	201/202	09816502002	tld3powerstation@gmail.com
2	Sasadhar Das	General Manager (E)	-----	9717133811	sdas_nhpc@rediffmail.com
3	S.P. Lal	DGM(Civil)	-----	9971100252	-----
4	Shaji K	DGM (Elect.)	-----	8826633308	-----
5	Ashutosh Kumar	Sr. Manager (E)	-----	09800003636	-----
6	S.K. Pradhan	Sr. Manager (M)-Operation	-----	8894295950	-----
7	R.K. Deb	Sr. Manager (F)	203	9816092015	tldp3fin@gmail.com
8	Dr. Shailendra Kumar	Sr. DCMO		9800048868	medicaltld3ps@gmail.com
9	Lalit Mohan	Sr. Manager (M)-Store	-----	8945532612	-----
10	B.K. Choudhury	Sr. Manager (C)-Barrage	-----	9800014460	-----
11	D K Mushahary	Sr. Manager (M) -PH	-----	8811071030	tldp3phm@gmail.com,
12	Sajiid Akhtar	Sr. Manager (E&C) - PH	-----	8116728130	sajidnhpc@gmail.com
13	Anish PAdhiyar	Sr. Manager (C) - HQ		9910305675	
14	R.R. Malik	Sr. Manager (E)-IT&C	-----	9437032565	itctldp3@gmail.com
15	ASP Rao	Sr. Manager(HR)	-----	8811071112	tld3pshr@gmail.com
16	Sunil Kumar	Sr. Manager (M) - Safety	-----	7982549938	tld3safety@gmail.com

B) Control Rooms

Sl. No.	Place	Landline	Mobile No.
1	Administrative Office-Emergency Control	03552-261018	-----

	Room		
2	Dispensary/DCMO	-----	8126831990
3	Power House Control Room	-----	9933355186
4	Barrage Control Room	-----	9933355187
5	Fire Station Control Room	03552-261018	-----

C) Corporate office Key Officials

Sl. No.	Name	Designation	Mobile No.	Email id
1	Rajesh Kumar Gupta	Sr. Manager (Safety)	9816605914	rkguptanhpcl@yahoo.co.in
2	Sudhir Kumar Srivastava	Sr. Manager (Safety)	7042367567	nhpcsafetydivision@gmail.com
3	Kamlesh Sudhakar Mali	Asst. Manager (Safety)	9426332266	kamleshsudhakar@nhpc.nic.in

D) Medical Services Facility at Power Station

Sl. No.	Name	Mobile No.	Email id
1	Dr. Shailendra Kumar	9800048868	medicaltld3ps@gmail.com

AVAILABILITY OF PERSONAL PROTECTIVE EQUIPMENTS

Sl.No.	Description / Type	Location
1	Safety Helmets	Power House & Barrage Site
2	Safety Belts	
3	Ear Plugs	
4	Masks	
5	Safety Shoe	
6	Gum Boot	
7	Torch	
8	Search Light(battery backup)	
9	Rescue Net	

Emergency Handling Items at Power House of TLD-III PS

Emergency Handling Items / Equipments at Power house		
Sl.No.	Item Name	Quantity
1	Magnetic Drill Machine	1
2	Electric Hand Drill Machine	1
3	Centrifugal Pump 1.5 Hp	2
4	Centrifugal Pump .5 Hp	1
5	Submersible Pumps 3 HP	4
6	Submersible Pumps 35 HP	1
7	Submersible Pumps 10 HP	1
8	Submersible Pumps 5 HP	1
9	MIG welding machine with MIG welding nozzle and accessories	1 no
10	TIG welding machine with TIG welding nozzle and accessories	1 no
11	Single stage oxygen regulator	1 no
12	Two stage DA regulator	1 no
13	Cutting torch for welding	1 no
14	Tap wrenches M3 - M10	2 sets
15	wrenches for round dies M3 - M10	2 sets
16	Plate cutter for 1mm sheet	2 nos
17	Die cutting device upto 16mm	1 set
18	Cable cutters up to 240 mm ²	2 sets
19	Portable band saw(jigsaw cutter)	2 sets
20	Protective eye goggles	10 nos
21	Polyster Sling set of 1 MT & 2 mtr	2 nos
22	Polyster Sling set of 2 MT & 2 mtr	2 nos
23	Polyster Sling set of 5 MT & 4 mtr	2 nos
24	Polyster Sling set of 15 MT & 8 mtr	2 nos
25	Polyster Sling set of 20 MT & 5 mtr	2 nos
26	Polyster Sling set of 25 MT & 14 mtr	2 nos
27	Chain Pulley Block Capacity 3T & 8 mtrs	1 no
28	Chain Pulley Block Capacity 2T & 8 mtrs	2 nos
29	Chain Pulley Block Capacity 3T & 3 mtrs	1 no
30	Wall ladder 5 ft	2 nos
31	Wall ladder 8 ft	2 nos
32	Hydraulic lifting Jack 5 T,10 T,20T & 50T	2 nos each
33	Pipe wrenches 18 inch	1 no
34	Pipe wrenches 24 inch	1 no
35	12" Slide Wrench	1 no

36	10" Slide wrench	1 no
37	D-shackles M12,M16,M20,M24,M30,M36 & M42	2 nos each

Note : This Annexure will be updated by E&M department of the power station from time to time for updation in DMP

Emergency Handling Items at Dam Site of TLD-III PS

Sl.No	Description of items	Unit of Measurement	Qty
1	Power Boat	Nos	1
2	Life Jackets	Nos	4
3	Helmets	Nos	10
4	Showels	Nos	5
5	Crowbars	Nos	2
6	Hammers (6.5 Kg)	Nos	1
7	Hammers (1.0 Kg)	Nos	2
8	Nylon Ropes 3/4"	Mtrs	50
9	Nylon Ropes 1/2"	Mtrs	50
10	Maneela Ropes	Mtrs	100
11	Emergency Light	Nos	4
12	Safty Belts	Nos	5
13	Flexible Hozes	Mtrs	100
14	Empty Barrels	Nos	5
15	Dragon lights	Nos	2

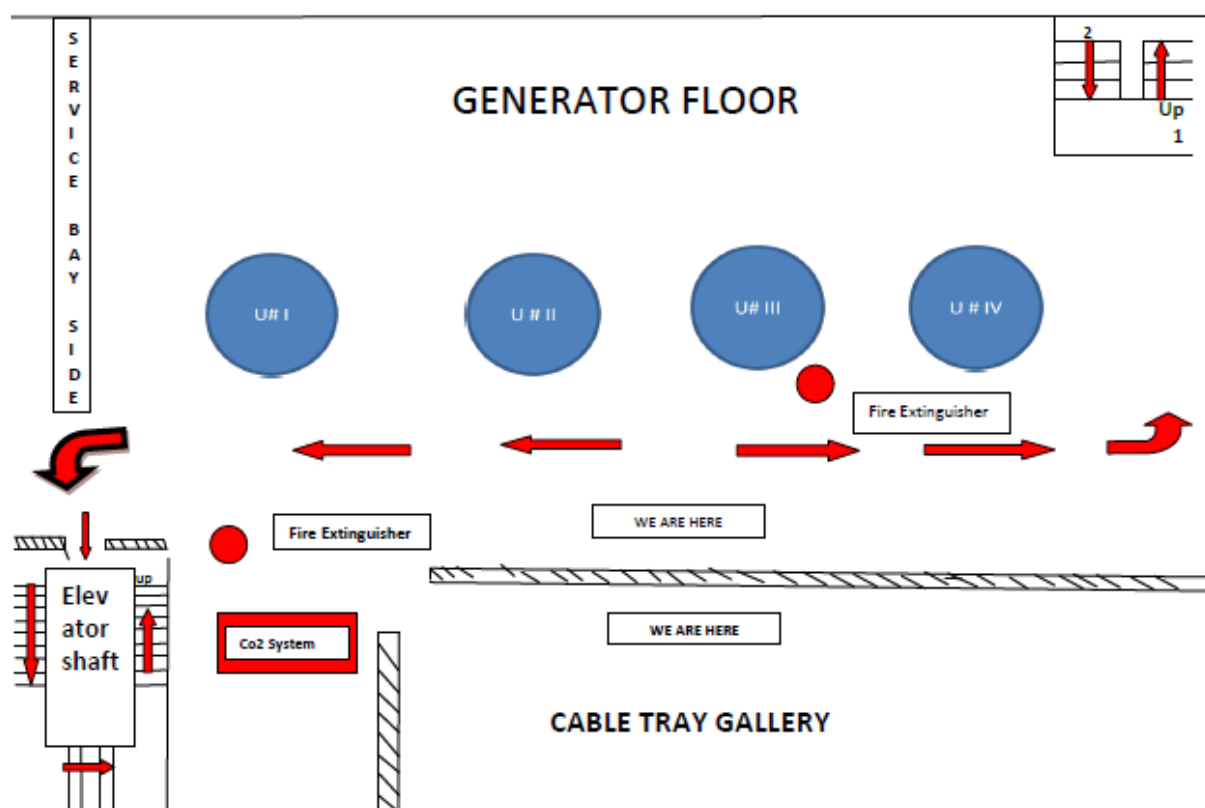
Annexure – XXI-c, List of Equipments , its location and operators

S.No.	Name of equipment	AIN(Asset Identification Number)	Location	Name of operator
1	Wheel Dozer "BEML"	411010001	Power House (Civil)	Sh. Basudev Das
2	Loader cum excavator JCB	442010001		
3	Mobile Crane "Omega"	409010001	Mechanical Division	Sh Kedar Prasad Rai (Contract Manpower)
4	Air Compressor "Atlas-Copco"	331280004		

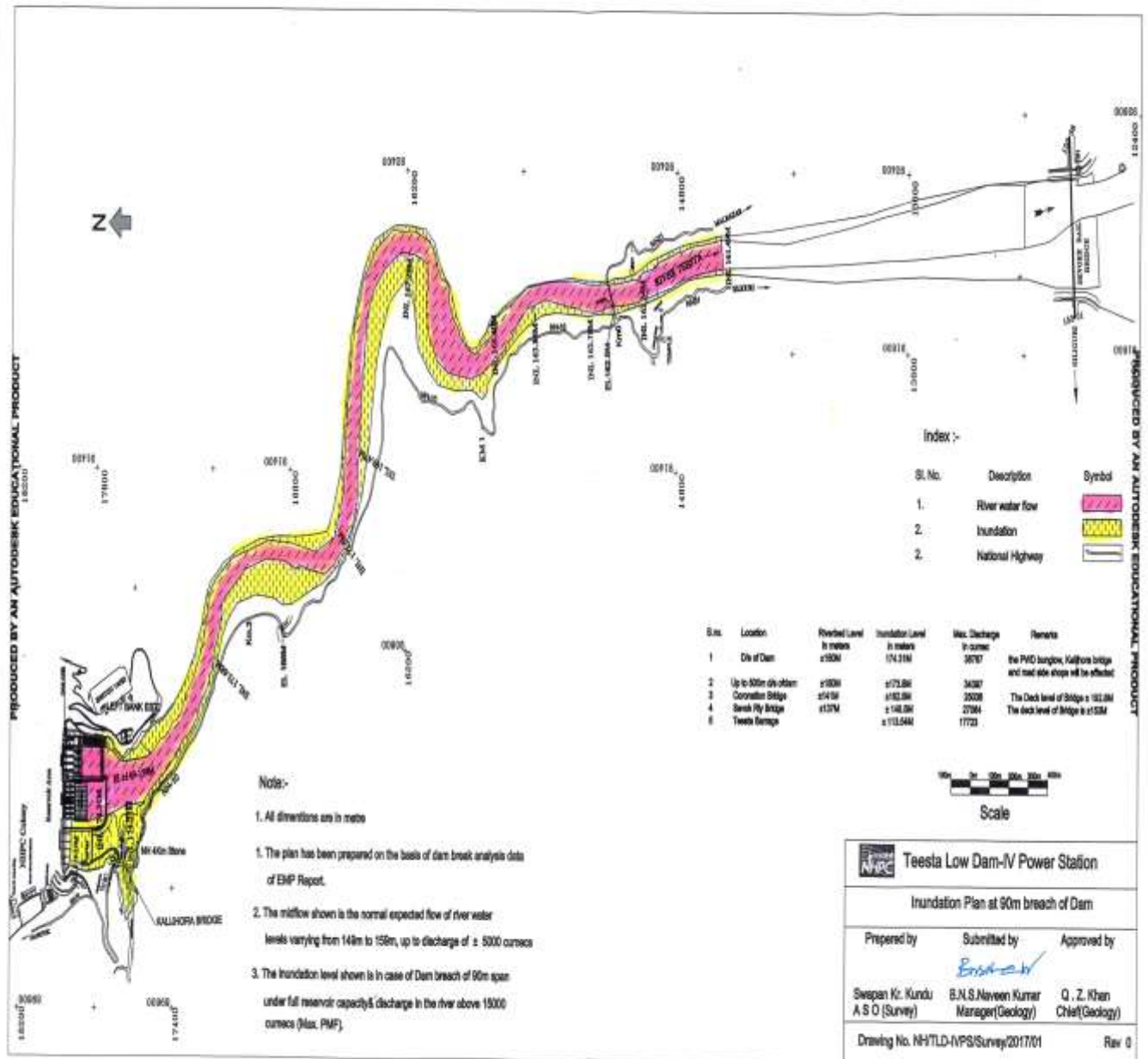
List of Equipments, Tools & Tackles

List of Equipment, Tools & Tackles in Power House		
Sl.No.	Item Name	Quantity
1	Portable magnetic electrical drilling machine with accessories	1 no
2	Single stage oxygen regulator	1 no
3	Two stage DA regulator	1 no
4	Cutting torch for welding	1 no
5	MIG welding machine with MIG welding nozzle and accessories	1 no
6	TIG welding machine with TIG welding nozzle and accessories	1 no
7	Double head wrenches	2 sets
8	Double box wrenches	2 sets
9	socket head wrenches 1.5 - 10 mm	2 sets
10	Socket head wrenches 12 - 17 mm	2 sets
11	Tubular socket wrenches 6 x 7 mm up to 30 x 32 mm	2 sets
12	Cross wrenches 13 x 14 x 17 x 19 mm	2 sets
13	wrenches for socket device (200mm) each with cordon joint and two extensions (100mm,200mm)	2 sets
14	socket wrenches(12 edges)8mm up to 32mm	2 sets
15	Screw drivers,PVC insulated 3 - 10 mm	2 sets
16	Screw drivers for recessed cross head screws 75mm-125mm long(5 no)	2 sets
17	Angle screw drivers 5 mm	2 nos
18	Combination pliers PVC insulated 200 mm	2 nos
19	Combination pliers PVC insulated 150 mm	2 nos
20	Side cutters PVC insulated 150 mm	2 nos
21	Side cutters PVC insulated 100 mm	2 nos
22	Round nose pliers bright 165 mm	2 nos
23	Round nose pliers PVC insulated 160 mm	2 nos
24	Round nose pliers PVC insulated 100 mm	2 nos
25	Flat nose pliers bright 160 mm	2 nos
26	Flat nose pliers PVC insulated 160 mm	2 nos
27	Flat nose pliers PVC insulated 100 mm	2 nos
28	beak pliers PVC insulated 200 mm	2 nos
29	Insulation stripping pliers for wires from 0.5 to 5 mm ² insulated	2 nos
30	Cutting pliers 180 mm	2 nos
31	Water pump pliers bright 240 mm	2 nos
32	Angle nose pipe grips	2 nos
33	Grip wrenches	2 nos
34	Splint pin pliers	2 nos
35	Fitting knives	2 nos

36	Chisels for electricians	2 nos
37	Flat chisels 150 mm	2 nos
38	Flat chisels 200 mm	2 nos
39	Cape chisels 150 mm	2 nos
40	Hammer 200g	2 nos
41	Hammer 300g	2 nos
42	Hammer 500g	2 nos
43	Rubber hammer 300g	2 nos
44	Club hammer 1000g	2 nos
45	Wood saw	1 set
46	Metal tool boxes for electrician standard tools 16"	2 sets
47	Boxes of conical drills 1-13MM drill set	2 sets
48	Tap drills M3 M8 with boxes	2 sets
49	Single tap drills M3 I/II/III to M10 I/II/III	2 sets
50	Screw dies M3 - M10	2 sets
51	Tap wrenches M3 - M10	2 sets
52	wrenches for round dies M3 - M10	2 sets
53	Plate cutter for 1mm sheet	2 nos
54	Die cutting device upto 16mm	1 set
55	Cable cutters up to 240 mm ²	2 sets
56	Portable band saw(jigsaw cutter)	2 sets
57	Protective eye goggles	10 nos
58	Polyster Sling set of 1 MT & 2 mtr	2 nos
59	Polyster Sling set of 2 MT & 2 mtr	2 nos
60	Polyster Sling set of 5 MT & 4 mtr	2 nos
61	Polyster Sling set of 15 MT & 8 mtr	2 nos
62	Polyster Sling set of 20 MT & 5 mtr	2 nos
63	Polyster Sling set of 25 MT & 14 mtr	2 nos
64	Chain Pulley Block Capacity 3T & 8 mtrs	1 no
65	Chain Pulley Block Capacity 2T & 8 mtrs	2 nos
66	Chain Pulley Block Capacity 3T & 3 mtrs	1 no
67	Wall ladder 5 ft	2 nos
68	Wall ladder 8 ft	2 nos
69	Hydraulic lifting Jack 5 T,10 T,20T & 50T	2 nos each
70	Pipe wrenches 18 inch	1 no
71	Pipe wrenches 24 inch	1 no
72	12" Slide Wrench	1 no
73	10" Slide wrench	1 no
74	D-shackles M12,M16,M20,M24,M30,M36 & M42	2 nos each



EVACUATION PLAN AT- EL-187.50



Chapter 14

Earthquake Mock exercise Plan Gap

Chapter 14 – Earthquake Mock Exercise Gap Matrix

The whole of Kalimpong district falls within the seismic zone IV, i.e., the second highest level of threat from the point of view of earthquake. Although Kalimpong has never been the epicentre of any earthquake in recent history but any earthquake in Sikkim, Nepal or Tibet is bound to have effect on whole Kalimpong depending upon the intensity. In case of a major earthquake the geographical location of Kalimpong which is hilly and with infrastructure spread over steep slope gradient there is every chance of the problem being compounded by earthquake induced landslides. There are many concrete buildings in the Kalimpong town area and in the surrounding areas. There are semi urban towns like Pedong, Algarah, Lava, Teesta, Jholong, etc which have witnessed mushrooming of concrete buildings in the past decade. In the event of a major tremor these areas will be badly affected and result in building collapse. More than 50,000 people live in the Kalimpong Municipality area and a large number of people come to the town area everyday. Many schools and offices are found within a radius of 3kms of Kalimpong town. Therefore, more than adequate preparation on the part of the District Authority and other stake-holders cannot be overstated.

All preparations regarding tackling earthquake has been added in previous chapter. Equipments like circular chainsaw with the ability to cut concrete slabs or steel, heavy driller, etc. have been procured by the Disaster Management Dept. and equipment like Halmatro (Hydraulic spreader) have been procured by the Fire Dept., Kalimpong which will come handy in rescue operations concerning fallen structures. The Disaster management & Civil Defence Dept. Kalimpong is in the process of acquiring other sophisticated equipments in the future.

In view of above a mega Mock Exercise was held in Kalimpong on 12.10.2018 preceded by a table top exercise on earthquake. The magnitude of the mock earthquake (8.0) ,scenario and timing was given by the disaster Management Department, West Bengal. As per the order of the government all important line departments, the armed forces, CAPF, NDRF, SDRF, etc were involved in the exercise which was conducted from the DEOC with the staging area at Gym Hall Ground of S.U.M.I.

The mock earthquake was tackled using the Incident Response System. Incident command post was created and other sections like the Operations, Planning, Logistics and Finance Sections too were created and populated. The following results were found after the mock exercise :

Sl.No.	Major Points	Observations
1	Incident Response System	Only a very few members of the line departments are aware of this system of disaster response while this system has been adopted in the country at first as Incident Command System in 2003 and subsequently as Incident Response System .
2	Mock Exercise	Although most of the schools are aware

		of mock drills the concept is still not clear to other departments
3	Coordination between participants	Coordination between District Authority, Armed forces, NDRF,CAPF very good due to understanding about the business at hand and how to go about it. Coordination with line departments, NGOs and Civil societies can be made better.
4	Communication Network	Since it was told to maintain mobile and landline phone silence there was a difficulty in communicating with the stakeholders at different mock disaster sites spread over a distance of 36 kms. Although the Kalimpong District Police wireless teams helped by setting up communication points at some locations it was clear that modes of alternative communication has to be developed. (Details in Chapter 15)
5	Road Connectivity	Due to the hilly terrain roads can be easily blocked by landslides or rock slides and infrastructure may be the first to take the hit. Over and above there are only 2 major roads that lead to the District hq. One is the NH10 from Teesta side and the other is SH12 entering from Gorubathan side. SH12 is already in a very bad shape as the GREF is widening the road. There are other minor roads leading to Kalimpong but they pass from even more fragile terrain. In such as case the District Civil Defence team needs to be strengthened by adding modern search and rescue equipments along with the know-how of operation.
6	Community Involvement	Community involvement in such exercises is mostly really low. Public announcement had been down before the mock exercise asking people to come forward and participate. Only a handful turned up. More public awareness of disaster management is required.
7	NDRF Hq	Again due to the same problem of road blockade NDRF help may not be

		accessible during the hour of need. Therefore, a stationing of a Company strength NDRF with equipments could be very beneficial to the whole hilly region.
8	Traffic Management	Traffic management needs to be better coordinated because the roads are mostly congested and clogged with parked vehicle and encroachment. Therefore, traffic police need to be briefed about traffic management during disaster period when emergency vehicles carrying victims need quick transportation.
9	Hospital	During the mock exercise some of the weakness in the hospital safety plans came to the fore. The District hospital's expansion plan during patient surge is inadequate. Overall staff of the hospital need to be given awareness training regarding disaster management and they should be aware of their roles. In case of hospital structure failure the staff need to know how to evacuate everyone to safety and in the worst case scenario of total collapse of hospital building incapacitating doctors and nurses along with vital equipments the hospital should have the capacity to operate field hospital. It is imperative to have networking hospitals where critical patients can be shifted.
10	Civil Defence	The Civil Defence is the first responder in search and rescue operations. Therefore, the Civil Defence need to be more involved in mock exercises so that they don't lose the valuable skills learned from different trainings.

It is also equally imperative that the common people be made aware of the threat faced by them due to the whole area falling under seismic zone IV meaning there is a very high possibility of occurrence of an earthquake of above 7 magnitude. In such a scenario a disaster aware populace will greatly help to mitigate the impact of an earthquake.

Chapter 15

Communication Plan in Case of Mobile Failure

Chapter 15

Communication Plan, in case of mobile network failure :

Communication is at all times very crucial to human existence. During times of disaster it becomes a question of survival for the affected. And for the rescuers the delay in information and gap in communication will prove to be a huge set back as the opportunity to utilise the golden hour will elapse. Coordination of rescue work and collection of vital information for planning of further action will be greatly hampered in the event of communication failure. Messages of early warning will have significance only if they reach the people in time. Therefore, communication particularly during emergencies is indispensable.

During the mock exercise of 10th October 2018 earthquake emergency response was tried without using conventional mode of long distance communication like mobile phones (voice call, sms, whatsapp, etc) and telephones. It was highly challenging because it was difficult to know what was going on at different disaster sites even though the venues were pre-selected. Police wireless teams were set up at important sites and hospitals for ease of communication. However, in real life situation such amenity mostly will not be available. Even today there are many mobile shadow zones in Kalimpong district. For such a scenario modes of all weather communication system available with the Disaster Management dept. is presently limited to a satellite phone. In the past VHF sets, both static and mobile, were used as mobile phones were not available. After the advent of mobile phones the old VHF system became obsolete.

As an alternative to normal mode of tele-communication the following communicating equipments have been requisitioned for Kalimpong district :

Communication :

Sl. No.	Name	Requirement	Approximate cost
1	Immarsat (Satellite Phone)	3 nos.	3 x Rs.82,000/- = 2,46,000/-
2	VHF Communication set (static)	5 nos.	5 nos. x 17,000/- = Rs.85,000/-
3	VHF Communication set (mobile)	10 nos.	10 x 6500/- = Rs.65,000/-
4	UHF Communication set (mobile)	4 nos.	4 x Rs.6500/- = Rs.26,000/-
		Total =	Rs.4,22,000/-

Future Plan of Action

Sl. No.	Name	Requirement	Remark
1	HAM Radio	Awareness generation among the youth regarding HAM radio as a hobby	
2	Satellite Phone	If all BDOs are connected by satellite phone communication with the District hq will be seamless	
3	VHF, UHF Sets (Static)	Static sets can be placed at district, sub-division, block and gram panchayat offices	
4	VHF, UHF (mobile)	If provided to each GP, Block, District hq communication will can be closed to a great extent. Mobile units can be provided to CD Volunteers during times of emergency for spot reporting and coordinating with the DEOC	
5	Police Wireless System	In the absence of all above mentioned items police wireless system is the only option for thana to thana message	

Chapter 16

List of Heritage Buildings

Chapter 16 – List of Heritage Buildings

Name of Heritage	Address	Significance	Year of construction	Block/ Municipality	Whether prone to inundation (Y/N)	Whether located in Landslide/Eq/ Cyclone/Tsunami/Prone Zone. If so specify	Whether sufficient Fire Fighting Arrangements are there	Any special measures taken for disaster risk reduction, if any	Remarks
Gauripur House	Below Hill Top, Ringkingpong Road, Kalimpong	Nobel Laureate Rabindranath Tagore's favourite place where he celebrated his 78 th birthday and composed a poem named 'Janmadin'	Before 1926	Kalimpong Municipality	No	Earthquake zone IV	No	No	Old and unmaintained. Presently a caretaker's family lives there.
Morgan House	Ringkingpong Road, Durpin, Kalimpong	It's a British Colonial mansion. Presently it is boutique hotel run by WBTDC	Early 1930s	Kalimpong Municipality	No	Earthquake zone IV	Yes (Fire extinguishers installed)	No	Nil
Chitrabhanu	Atisha Road, Kalimpong	The cottage was built by Protima Devi, the daughter-in-law of Rabindranath Tagore to train women of the hills in art and craft.	8 th August 1943	Kalimpong Municipality	No	Earthquake zone IV	No	No	Nil

Katharine Graham Memorial Church	Dr.Graham s Homes GP, Kalimpong I	Protestant Church built by Dr.John Anderson Graham, a Scottish missionary	24 th Sept. 1925	Kalimpong I Block	No	Earthquake zone IV	NA	Repair & retro-fitting going on at present	Presently closed due to damages caused earthquake of 2011.
McFarlen Church	K.D.Pradhan, Kalimpong	Rev. William Macfarlen, a Scottish missionary was the founder of this older oldest church in Kalimpong	1 st Nov. 1889	Kalimpong Municipality	No	Earthquake zone IV	Yes (Fire extinguishers installed)	No	Damages due to earthquake of 2011.
Tharpa Choling Monastery	Tripai Road, Tripai, Kalimpong	Geshe Rinpoche Ngawang Kalsang ” the Great Doctor” of Tibetan medicine founded the monastery of ‘Gelugpa’ sect.	1912	Kalimpong Municipality	No	Earthquake zone IV	Yes (Fire extinguishers)	No	Nil
Thongsa Gumba	L/Gumbahatta, Kalimpong	Also known as the Bhutanese Monastery this is the oldest monastery in Kalimpong.	1678 & 1964	Kalimpong Municipality	No	Earthquake zone IV	Yes (Fire extinguishers)	No	Nil
Zang Dhok Palri Monastery (Durpin)	Durpin, Kalimpong	It is a Tibetan Buddhist monastery. It houses many rare scriptures brought from Tibet including the 108 volumes of ‘Kangyur’.	1970	Kalimpong Municipality	No	Earthquake zone IV	No	No	Nil

Chapter 17
National School Safety
Programme (NSSP)
Kalimpong

Chapter 17

National School Safety Programme (NSSP) Kalimpong

Time Frame : 2014 - 2017

No. of Schools selected: 50 nos.

Kalimpong District was one of the few districts that were selected for National School Safety Programme (NSSP) while it was a sub division under Darjeeling district. Kalimpong was selected because of the fact that it lies under seismic zone IV where an earthquake of above VIII magnitude is very much possible. Under the NSSP 50 nos. of schools (Secondary, Primary, Govt. or Govt. sponsored, private) were selected from different parts of the district for spreading consciousness among students regarding saving themselves and helping others during earthquakes. Under the programme formation of School Disaster Management Committee, Disaster Management Teams(DMT), School Disaster Management Plan, earthquake evacuation, general school safety,etc were taught through different training programmes, awareness programmes and through means of IEC materials. Mock drills were carried out in all participating schools. Awareness was spread through means of elaborate programmes like sit and draw competition, easy competition, poetry competition and rallies with the theme of Earthquake/Landslide. Under NSSP more than 100 nos. of teachers, 74 nos. of non-teaching staff and 2013 nos. of students were trained regarding school safety, hazard hunting, first aid, basic search and rescue techniques, fire safety,etc.

List of Schools covered under NSSP, total no. of teachers, students

Sl.No.	Name of School	Name of Block	No.of participating Teachers/non-teaching staff	No.of participating students	DM Kit distributed (battery operated siren)	Whether Rs.14,250/- received for non-structural mitigation
1	Algarah High School	Kalimpong II	05	45	Yes	Yes
2	Algarah Pry.School	Kalimpong II	02	20	Yes	Yes
3	Ambiok High School	Gorubathan	03	20	Yes	Yes
4	Bagrakote High School	Kalimpong I	04	86	Yes	Yes
5	Barbot Jr.High School	Kalimpong I	03	20	Yes	Yes
6	Chandramaya High School	Kalimpong I	03	20	Yes	Yes
7	Chisang High School	Gorubathan	03	20	Yes	Yes
8	Dalapchand High School	Kalimpong I	03	20	Yes	Yes

9	Gairibas High School	Gorubathan	03	20	Yes	Yes
10	Ganesh High School	Kalimpong I	07	37	Yes	Yes
11	Gangotri High School	Kalimpong I	04	220	Yes	Yes
12	Gitdabling	Kalimpong II	03	20	Yes	Yes
13	Gorubathan Public HS	Gorubathan	03	20	Yes	Yes
14	Indo Tibetan High School	Kalimpong I	03	20	Yes	Yes
15	Jaldhaka High School	Gorubathan	03	20	Yes	Yes
16	Jublee High School	Kalimpong I	03	20	Yes	Yes
17	Jublee Pry.School	Kalimpong I	05	32	Yes	Yes
18	Judhabir High School	Gorubathan	03	20	Yes	Yes
19	Kagay High School	Kalimpong II	13	250	Yes	Yes
20	Kalimpong Girls High School	Kalimpong I	03	20	Yes	Yes
21	Kumai High School	Gorubathan	03	20	Yes	Yes
22	Kumai Pry School	Gorubathan	03	20	Yes	Yes
23	Kumudini Homes	Kalimpong I	03	20	Yes	Yes
24	Lava High School	Kalimpong II	03	20	Yes	Yes
25	Lingsey Jr.High School	Kalimpong II	03	20	Yes	Yes
26	Lolay Sampu High School	Kalimpong II	03	20	Yes	Yes
27	Mary Scot Home for the Blind	Kpg Municipality	03	20	Yes	Yes
28	Mon song High School	Kalimpong II	03	20	Yes	Yes
29	Pagang Gumpa High School	Kalimpong II	03	20	Yes	Yes

30	Pokhriabong High School	Gorubathan	03	20	Yes	Yes
31	Pranami Balika Vidhya Mandir	Kalimpong I	03	20	Yes	Yes
32	Rambi High school	Kalimpong I	03	173	Yes	Yes
33	Ramlal Dahal High School	Kalimpong I	03	20	Yes	Yes
34	Rongo High School	Gorubathan	03	20	Yes	Yes
35	S.U.M.I	Kalimpong I	05	250	Yes	Yes
36	Samthar High School	Kalimpong I	03	20	Yes	Yes
37	Sanatan Vidik Pry.School	Gorubathan	03	20	Yes	Yes
38	St. George's High School	Kalimpong II	03	20	Yes	Yes
39	St. Philomena Girls High School	Kalimpong I	03	20	Yes	Yes
40	St.Philomina Pry.School	Kalimpong I	03	20	Yes	Yes
41	St.Xaviers School	Kalimpong II	03	20	Yes	Yes
42	Suruk Mandodari High School	Kalimpong I	03	20	Yes	Yes
43	Teesta Bridge High School	Kalimpong I	06	100	Yes	Yes
44	U/Dalapchand Pry.School	Kalimpong II	03	20	Yes	Yes
45	Shankar High School	Kalimpong I	03	20	Yes	Yes
46	Central School for Tibetan	Kalimpong I	03	20	Yes	Yes
47	Saptashree Gyanpeeth School	Kalimpong I	03	20	Yes	Yes
48	Grace English School	Kalimpong II	03	20	Yes	Yes
49	Singtam Tribal Primary School	Kalimpong II	03	20	Yes	Yes
50	Springdale Academy	Kalimpong I	03	20	Yes	Yes



Chapter 18

Crowd Management Plan

Chapter 18 – Crowd Management Plan

According to the WHO a mass gathering of people is defined as ‘more than a specified number of persons at a specific location for a specific purpose for a defined period of time’. In India there are many instances of crowd disasters in the form of stampede leading to loss of life or limb. Large crowd gathering events if not properly managed can easily get out of hand and lead to stampede, pollution, environmental degradation, severe traffic delay, public nuisance and even riots. Therefore, it is imperative to have a crowd management plan in such scenarios.

However, Kalimpong District being a small district has no such big events. Events of considerable crowd gatherings are given below :

Large crowd events	Locations	Estimated crowd strength as per past year record	Organizing body	Resources deployment by district administration in manpower/equipment/vehicle, etc.
Buddha Purnima	Whole Town area under Kalimpong Municipality	Approx. 3000 nos. (record unavailable)	Buddhist Associations	10 nos. of CD Volunteers as QRT, 01 no. Rescue Van with equipments
Independence Day Celebration	Mela Ground & Town Hall, Kalimpong	Record unavailable but 10,000 approx.	Independence Day Celebration Committee, Kalimpong.	10 nos. of CD Volunteers as QRT, 06 nos. on Standby at the DEOC, 01 no. Rescue Van with equipments (crowd management is done by the volunteers of the organising committee and police administration)
Phulpati Shovayatra	Kalimpong Town under Kalimpong Municipality	Record unavailable 3000 nos. approx. figure	Gorkha Sanskriti Sanrakshan Samity	10 nos. of CD Volunteers as QRT, 01 no. Rescue Van with equipments
Durga Puja immersion	Kalimpong town and Teesta bazar	Record unavailable . 2000 nos. approx. figure	Local Clubs from Kalimpong	10 nos. of CD Volunteers as QRT, 01 no. Rescue Van with equipments

Annexures

Annexure I

Vulnerable areas including D.M.Vulnerability Format

1. Vulnerable areas under Kalimpong Municipality(Landslide & earthquake)

Sl.No.	Name of vulnerable area	Name of temporary rescue shelter	Remark
1	Ward No. VII- 10 th Mile to 11 th Mile	Village Community Hall	
2.	Ward No. VIII – 10 th Mile to Prannami School	Village Community Hall	
3.	Ward No. XII – Kazi Compound near Bagdhara Bordering Bong Busty- Dungra Khasmahal	Municipal Jr. Basic School	
4.	Ward No. XIII- Near S.S.B. Office- Below Children Homes(Faith Home)	Municipal Jr. Basic School	
5.	Ward No. XV- Upper Bong Busty	State Grainage Building / East Main Road Pry. School	
6.	Ward No. XVI Animal Shelter area, Butuchary area & Durpin Gumba area	Village Community Hall	
7.	Ward No. XVII-Upper Chibbo near GREF and M.E.S. Office	Development Primary School	
8.	Ward No. XIX – Chhibbo Church Area	Development Primary School	
9.	Ward No. XVIII- Chandralok to Warning Golai	Village Community Hall	
10	Ward No. XXI – Chandralok to Dumchipakha	Govt. High School/DumshiPakha Community Hall	

11.	Ward No. XXIII – Dhobi Dhara to Warning Golai	Junior Basic School	
12		AtithiGriha, Kpg Municipality	Accommodatio n for Rescue forces

2. Vulnerable areas under Kalimpong I Development Block

Sl.No .	Name of vulnerable area (GP-village)	Name of temporary rescue shelter	Remark
1	Pabringtar –Khopigaon	Temporary Shed	
2	Pabringtar - Lungrep	Lungrep Primary School	
3	Pabringtar- Chuikhim	Chuikhim Mine Pr. School	
4	Teesta -D.I.Fund	Community Hall	
5	Teesta – Kirney	Temporary Shed	
6	Teesta-Manpari Busty	Community Hall	
7	Bhalukhop– Chamragodam	Champamaya Jr. Basic School	
8	Bhalukhop - Dantey	Temporary Shed	
9	Bhalukhop-MahakalDara, Soureni	Basantamaya Jr. basic School	
10	Bhalukhop –Newargaon	Chhakkimaya Pr. School	
11	Sindepog -Gairigaon	Temporary Shed	
12	Samthar -Lower Dong	Lower Dong Pr. School	
13	Samthar -ChotaSuruk	ChotaSuruk Pr. School	
14	Samthar -Bara Suruk	Old R.C. Mission School	
15	Samthar -KabiGaon	Kabi Pr. School	
16	Samalbong–Yokbong	Upper Samalbong Jr. Basic School	
17	Samalbong -Lower Pabung	Loleygaon Pr. School/Nepali Dara	
18	Samalbong-Line Dara	SevaSangh Rural Library	
19	Samalbong -Syaprong Busty	Temporary Shed	
20	Samalbong-CapchakhePakha	Bhaktimaya Pr. School	
21	Nimbong -Sareksa	Reon Pr. School	
22	Nimbong –Centregaon	Nimbong Pr. School	
23	Nimbong -Lower Gheshok	Lower Gheshok SSK centre	

24	Nimbong-ChettriJhora	Nimbong Pr. School	
25	Nimbong -Paila Line	Paila Line I.E.C. Mission School	
26	Lower Echhey- TamangGaon	Krishnakali School	
27	Lower Echhey - Kami Gaon	R.K.Mossion Pr. School	
28	Kalimpong - 8th mile	Saraswati Pr. School	
29		Teesta Community Hall	Accommodation for Rescue forces

3. Vulnerable areas under Kalimpong II Development Block

Sl.No.	Name of vulnerable area (GP-village)	Name of temporary rescue shelter	Remark
1	Lingsay - DabaipaniChurneyBotay	1.Dabaipani Pry. School	
2	Lingsay -TagathangKhopi	2.Khopi SSK	
3	Lingsay - Jhosing	3.ICDS Centre Jhosing	
4	Lingsekha - Lungchu	1. Dagyong Pry. School	
5	Lingsekha - Lower Changay	2. Tribal Pry. School	
6	Lingsekha - Lower Chuba ,	3.M.S.K. Lingseykha	
7	Kagay - Lower Rabek	1.Ladam Pry. School	
8	Kagay - Lower Gyendong	Community Hall,Gyendong	
9	Kagay - Maria (DhodiKhola)	Geroock Pry. School	
10	Pedong - Jogibhirarea,LowerDalep	1.Dalep Jr. Basic School	
11	Pedong - KatareyArea,LowerDalep	2.SSK Katarey	
12	Pedong - Krishna Mandir area at lower dalep	2.SSK Katarey	
13	Kashyone - Dhobi Khola, Dhobi Tolli	1.Kashyem Jr. Basic School	
14	Kashyone - GhatteyJhora, Upper Kashyem	2. Community Hall, Kashyong	

15	Sakyong - Upper Menchu, Lepcha Gaon	Graphdoji SSK	
16	Sakyong - Lower Menchu Sadhu Gaon	Community Hall, Lower Menchu	
17	Sakyong - Lower parts of Mulsakyong I & II	Najong Primary School, Pustakalay	
18	Santook - Lama ward sansad no VII	Community Hall & Algarah High School	
19	Santook – Jhilkey Dhara Sansad no. VIII	Community Hall & Algarah High School	
20	Paiyong - Lower Gairi Gaon & Dungamali Gaon	1. SSK Dungmali Gaon	
21	Paiyong - Bidyang Lepcha Gaon	2. Bidyang Primary School	
22	Paiyong – Bidyang Shorung Gaon	3. South Bidyang SSK	
23	Dalapchand - Lower Bidyang (Sansad III)	1. .Kapthang SSK Centre	
24	Dalapchand - Lower Dalapchand (Sansad II)	2. Lower Dalapchand Pry. School	
25	Sangsay - Lower Burmaik	1. Lower Burmaik Pry. School	
26	Sangsay - Narag Sangseer GCP	2. Division Bunglow GCP	
27	Sangsay - Upper Munsidhura	3. Sangseer GCP	
28	Sangsay - Lower Bimbong	4. Sangsay Khasmahal Pry. School	
29	Sangsay - Lower Tumlabong	5. Tumlabong Club Ghar	
30	Sangsay - Lower Kharka	6. Kharka Sai School	
31	Sangsay - Kharka Malibasey	7. Kharka Gramin Pustakalay	
32	Sangsay - Kharka Saureni	8. Kharka Gramin Pustakalay	
33	Sangsay - Lower Khamdong	9. Praman Singh Pry. School	
34	Sangsay - Middle Pethong	10. Chumi Pry. School	

35	Lolay - Moolpala	1. Mool Pala Pry. School	
36	Gitdabling - Beong	1. Gitdabling G.P. Office	
37	Lava-Gitbeong - MandirGaon,LowerNokdar a	1. Nokdara Primary School	
38	Lava-Gitbeong - Lower Passabong	2. B.B. Pry. School	
39	Lava-Gitbeong - GitKolbong	3.GitKolbong Pry. School	
40		Algarah Community Hall	Accommodati on for Rescue forces

4. Vulnerable areas under Gorubathan Development Block

Sl.No.	Name of vulnerable area (GP-village)	Name of temporary rescue shelter	Remark
1	Tode-Tangta - Tangta	Tangta Pry. School-0.5 Km	
2	Tode-Tangta – Keram	Keram Pry. School - 0.3 Km	
3	Tode-Tangta – Chisang	Chisang Pry. School - 0.2 Km	
4	Tode-Tangta – U/Suruk	Suruk Pry. School - 0.5 Km	
5	Tode-Tangta – L/Suruk	Bindu Pry. School - 0.3 Km	
6	Paten-Godak - RateyPani	Jaladhaka H.S - 1.5 Km	
7	Paten-Godak - L/Tungsung	Tungsung Pry. School	
8	Paten-Godak - Compound F.V.	Parentar Pry. School - 3 Km	
9	Paten-Godak - Dhauley F.V	Parentar Pry. School - 3 Km	
10	Rongo - 44 Block - ThakuriGolai	Dalgaon Community Hall - 3 Km	
11	Rongo - Hawadara (Linegaon)	Rongo H.S - 2Km	

12	Rongo - Minigaon-Jholung Bazar	Community Hall Jholung - 1 Km	
13	Rongo - BhasmayGaon	Dhap Pry. School - 2 Km	
14	Kumai - GudurayGaon	U/Kumai Pry. School	
15	Kumai - Guard Line/TamangGaon	Guard Line Club Ghar - 0.2 Km	
16	Kumai - 8 no. & 12 no. Village	G.P. Office - 0.6 Km	
17	Kumai - 1 no. Village	1 No. Village SSK	
18	Samsing - Bhalukhop	Bhalokhop	
19	Samsing - L/ Tinkataray	Tinkataray Pry. School	
20	Samsing - ChiplayDara	Chiplay SSK	
21	Ahalay - DudhayKhola, L/Fagu	L/Fagu Pry. School- 500m	
22	Pokhrebing -Manzing-Lama Goan	G.P. Office- 1 Km	
23	Pokhrebing - L/Manzing-Rambhi	L/Manzing Pry School-	
24	Pokhrebing - MangarGoan-Afatay	Lungsel Pry school-2Km	
25	Pokhrebing - Doring L/Lungsel	Lungsel Pry School-0.5 Km	
26	Pokhrebing - Malaytar	Pubung Pry School- 2Km	
27	Pokhrebing - Lower Pubung	Pubung Pry School	
28	Nim - Kolbong	G.P. Office- 0.5 Km	
29	Nim - Nim Busty GairiGoan	Nim M.S.K.- 0.3 Km	
30	Nim - Lower Suntalay	Pry School-0.5 Km	
31	Gbn II - Kali Khola	Pankhasari Pry School-2Km	
32	Gbn II - Badey-Pankhasari	Pankhasari Pry School-2Km	
33	Gbn II - Maipatey	Sherpa Goan Pry School-2.5 Km	
34	Dalim - LepchaGari Tar Gaon	GorubathanJr Basic School- 1.5 Km	

35	RaiGoan	SSK RaiGaon- 0.5Km	
36	Dalim - DalimKhola Tar	Dalim Pry School-0.6 Km	
37	Dalim - Simsaray	SSK Simsaray-0.5 Km	
38	Dalim - TamangGoan	GorubathanJr Basic School-1 Km	
39	Dalim - GairiGoan	GairiGoan Pry School-0.5 Km	
40	Gbn I - Sombaray Bazar West	Community Hall, Sombaray- 0.4 km	
41	Gbn I - Malbusty West	Community Hall, Sombaray- 0.4 km	
42		TRYSEM Hall, BDO Office	Accommodation for Rescue forces

5. List of make-shift Helipads under Kalimpong I Block

SL.NO	Name of Gram Panchayat	Location of Longitude and Latitude of Gram Panchayat	Name of Halipads for relief purpose
1.	Bhalukhop	-N27°-4'-36.9"-E88°-28'-99"	Dhanmaya Play Ground, Dr. Grahams Home's School Ground
2.	Bong	-N27°-3'-00"-E88°-28'-36.3"	Amaley Ground
3.	Dr. Graham's Homes	-N27°-4'-58"-E88°-30'-4"	Dr. Grahams Home's School Ground
4.	Dungra	-N27°-4'-29.7"-E88°-29'-10.8"	Seed Farm Ground(Ramitey)
5.	Kaffer-Kankebong	-N27°-1'-29.7"-E88°-33'-18.9"	Kaffer Public play Ground
6.	Kalimpong	-N27°-4'-6.7"-E88°-27'-22.6"	Poshyor Ground, Chhibo Ground
7.	Lower Echhay	-N27°-4'-30.5"-E88°-31'-32.6"	Shivalaya Ground, Krishnakali Pr. School Playground
8.	Nimbong	-N26°-58'-19.3"-E88.34'-14.6"	DalapchandGorkhaKhelMaidan, Dobhan Play Ground, Geshok Play Ground, Centre Pr. School Playground
9.	Pabringtar	-N26°56.53"-E88°-32'-55.5"	Sanyasidara, Barbot Playground, Ratey Playground
10.	Pudung	-N27°-3'-34.4"-E88.30'-52.2"	Gumba Ground, Chandramaya

			High School Ground
11.	Samalbong	-N27°-00'-26.2"-E88°-30'-54.8"	Sevasangh Library Ground, KangyolDara, Bhaktimaya Pr. School, Loleygaon Pr. School
12.	Samthar	-N26°58'45.8"-E88°-30'-2.6"	Samthar Public Ground, Suruk Public Ground
13.	Seokbir	-N27°-2'-1.6"-E88°-31'-20.9"	S.K.Y.Ground , Primtam School, Centre Ground
14.	Sindebong	-N27°-4'-24.7"-E88°-30'-5.0"	GumbaDara Playground
15.	Tashiding	-N27°-3'-46.1"-E88°-26'-53.1"	MLA Ground
16.	Teesta	-N27°-3'-57.8"-E88°-25'-30.6"	Rambi Playground, Teesta Play Ground, Kangey Playground
17.	Upper Echhay	-N27°-5'-9"-E88°-30'-54.5"	Dr. Grahams Home's School Ground
18.	Yangmakum	-N26°-57'-8.1"-E88°-29'-43.5"	Panbu Ground

6. List of make-shift Helipads under Kalimpong II Block

Sl.No.	Helipad	Co-ordinates
1	Aritar, Rhenock	N 27° 11' 05.9" E 088° 40' 25.5"
2	Bangla Dara Public Ground , Kagay	N 27° 09' 07.8" E 088° 38' 50.6"
3	Topkhana, Pedong	N 27° 09' 25.7" E 088° 36' 50.3"
4	Algarah Play Ground	N 27° 11' 05.9" E 088° 40' 25.5"

7. List of make-shift Helipads under Gorubathan Block

Sl.No	Name of the Helipad	Co-ordinates
1	Judhabir High School Ground, Malbusty, Gorubathan I G.P	088°41'500" E 26°57'15.22" N
2	U/Manzing Pry School Ground, Upper Manzing, Pokhrebong G.P.	88°37'83.1" E 26°59'38.4" N
3	Samabeong Pry School, Sherpa Goan, Nim G.P.	88°39'03.7" E 27°03'15.9" N
4	Jaldhaka Football Ground, Jaldhaka, Paten Godak G.P.	088°52'27.90" E 27°02'26.27" N
5	Tode Bazar Public Ground,	88°49'30.4" E 27°06'33.9" N
6	Kopish Pry School Ground, Kumai G.P.	88°50'50.8" E 26°49'03.4" N
7	Samsing Jr Basic School Ground, Samsing G.P	88°47'43.1" E 27°00'41.7" N

Disaster Management Vulnerability

1	2	3	4	5	6	7	8	9	10
Name of Block/ Municipality	If prone to flood, mention number of people in vulnerable zone	If vulnerable to cyclone, mention number of people likely to be affected in case of cyclone	If vulnerable to Tsunami, mention number of people likely to be affected in case of tsunami	If vulnerable to landslide, mention number of people likely to be affected	If vulnerable to chemical/industrial disaster, mention number of people likely to be affected	People likely to be affected by other disaster, if any (mention disaster & number of people) (<i>in case of Flash flood of the scale of 1968</i>)	Total number of people given in columns 2 to 7	Earthquake vulnerability zone	Priority ranking as per vulnerability to multiple disasters
Kalimpong Municipality	NA	NA	NA	2520	NA	NA	2520	Zone IV	4
Kalimpong I	NA	NA	NA	9261	NA	500 nos.	9761	Zone IV	1
Kalimpong II	NA	NA	NA	6669	NA	-	6669	Zone IV	3
Gorubathan	NA	NA	NA	6600	NA	480 nos	7080	Zone IV	2

Flood Shelter/ Cyclone Shelter	Year of Construction	How many persons can be accommodated?	Number & Name of villages tagged with this shelter	Total tagged population	Difference between tagged population & capacity of shelter, if any	Remarks
Nil	NA	NA	NA	NA	NA	NA

Annexure II

Block Disaster Management Committees

BDMC Kalimpong-I

Sl No.	Name of Officer	Designation	Phone No.	Office Address
01.	Sri. Dipanjan Naskar, WBCS(Exe)	B.D.O, Kalimpong-I	255640 (O) 7797378654	B.D.O's office, Kalimpong-I
02.	Sri. Khudiram Rava	Jt. B.D.O., Kalimpong-I	9735939695	B.D.O's office, Kalimpong-I
02.	Sri. Santanu Pradhan	B.L. & L.R.O, Kpg-I	8637831586	B.L.&L.R.O.Office , Kpg
03.	Sri. Mani Kumar Tamang	O/C Fire Service	255450 8016091806	Fire Station 9 th Mile
04.	Sri. Saran Sarki	O/C Police. Kalimpong Thana	255268, 255100 7076763536	Kalimpong Police Station.
05.	Sri. Dawa Sangmo Sherpa	Range Manager, Kalimpong Range	255780, 255783	Forest Office, Kalimpong
06.	Sri. Piya Sardar	Controller Food and Supplies, Kalimpong.	255285 (O) 7031829529	Food and Supplies Kalimpong.
07.	Dr. Kesang Bomzan	B.L.D.O, KPG-I	9832332715	Seed Farm Dungra
09.	Sri. Jeson Lepcha	Asst. Dir.of Agriculture, Kpg-I	255529 (O)	A.D.A.'s Office, 9 th mile, Kalimpong
10.	Dr. C.K. Chettri	BMOH, Rambi	262221 9434212410	BMOH, Rambi.
11.	Sri. Abhijit Sarkar	A.E , PWD	255250, 6294766081	PWD Kalimpong
12.	Sri. Sailendra Lama Sri. Sudhangshu Das	J.T.O., Kpg, BSNL	255202 (O), 9474493980 9475359545	BSNL Telephone Exchange , Kalimpong
13.	Sri. Dipak Kerketta	S.D.I & C.O, Kalimpong	255409 (O),	Town Hall, Kalimpong
14	Sri. Rajen Pradhan	Superintendent, Water Works	9647358757	Water Works Departments.
15.	Shri Pramesh Tamang	C.D.P.O, Kalimpong-I	255480 (O)	CDPO, Office, 10 th Mile, KPG.
16.	GREF	Commanding Officer,	255503	Durpin, Kalimpong
17.	Sri. Lakpa Bhutia	O/C Teesta Check Post	268270, 8250829293	Teesta, Kalimpong
18.	Sri. Dawa Sherpa	O/C Rambi Check Post	268262/ 9531739666	Rambi

19.	Sri. Mahendra Lama	O/C Melli Check Post	8001496018	Melli
19.	Sri. Sudhanshu Das	A.E, WBSEB	255855 (0) 2555420	WBSEB, Kalimpong
20.	Smt. Kaberi Subba, BDMO	BDMO, Kalimpong-I	8327268074	Kalimpong-I Block.

BDMC Kalimpong II

Sl No.	Name	Designation	Address	Telephone/ Mobile No.
1.	Smt. Subarna Mazumdar	BDO	BDO Office Kalimpong-II	7797378655
2.	Shri Naresraj Rai	Jt. BDO	BDO Office Kalimpong-II	9614704935
3.	Smt. Nurpundee Lepcha	Jt. BDO	BDO Office Kalimpong-II	9932926217
4.	Shri Anil Chettri	Exe.Engineer	Algarah Engineering Division	9434069555
5.	Shri Sayan Halder	BMOH	BPHC Pedong,P.O.Pedong	8335967712
6.	Dr. J.R. Bhutia	BLDO	BLDO,Kalimpong-II	9933021107
7.	Gopal Tamang	ADA	ADA,Kalimpong-II	9832654214
8.	Smt. Minuka Shewa	Addl. Inspector	Kalimpong	9832082722
9.	Shri Topden Bhutia	BLLRO	BLLRO,Kalimpong-II	8101181169
10	Rinchen L Yolmo	CDPO	CDPO,Kalimpong-II	8906445874
11.	Smt. Pratima Lepcha	A.E.	WBSEDCL	7449301264
12.	Shri Prabin Lepcha	J.E.	PWD (Civil)Kalimpong	9434380846
13.	Shri Sonam Bhutia	S.A.E.	BDO Office Kalimpong-II	9775470161
14.	Shri Lhawang Dukpa	BDMO	BDO Office Kalimpong-II	9733086584
15	Shri Rupesh Lama	A.P.O.	BDO Office Kalimpong-II	8145749609
16..	Shri Manikumar Tamang	O.C.	Fire Station Kalimpong	8016091806
17	Shri Thupden Bhutia	O.C.	Algarah Police Outpost	8509502833
18.	Shri Laxman Pokhrel	O.C.	Pedong Police Outpost	9733096342
19.	Shri Deo Narayan Ghising	O.C.	Rangpo Police Outpost	8509803590
20.	Shri Dipankar Sarkar	Inspector F & S	BDO Office Kalimpong-II	9832315931
21.	A.K. Singh	J.E.	GREF Camp 20th Mile	8597519111

Block Level Disaster Management Committee under Gorubathan Block-2020

Sl no.	Name	Designation	Office Address	Contact No.
1	Sri.Biswaranjan Chakraborty	BDO	BDO Office Gorubathan	7551088808
2	Sri. Jadav Roy	Jt. BDO	BDO Office Gorubathan	7551042508
3	Pema Lhamu Bhutia	BDMO-In- Charge	BDO Office Gorubathan	434809415/ 7908944530
4	Dr. Subhasish Manna	BMOH	Gorubathan, Health Centre	9851944955
5	Partha Sharathi Mondal	BLDO/VO	Gorubathan, BLO	9932431588
6	Mukesh Tamang	ADA	Gorubathan	9609305862
7	Pema Yuden Bhutia	BLLRO	BL &LRO. Gorubathan	7478426611
8	Norbet Lepcha	CDPO	ICDS Office of Gorubathan	8670132319
9	Biswajit Bhowmik	P.A.A.O	BDO Office Gorubathan	8436961636
10	Gracema Lepcha	C.I.	BDO Office Gorubathan	9800524762
11	Tushar Bagchi	S.A.E	BDO Office Gorubathan	9434132224/ 7001408775
12	Saral Gurung	F.E.O	BDO Office Gorubathan	8597436710
13	Kuntal Mohanta	A.P.O	BDO Office Gorubathan	9474602231
14	Ashes Tamang	IBCW	BDO Office Gorubathan	8016295470/ 8670223331
15	Mottakinur Rahaman	SDPO, Gorubathan	Gorubathan	8001444472
16	Biswaji Roy	Ins. Food & Supply	BDO Office Gorubathan	9434366863
17	Regina Lepcha	A.I. School	Office of SI/School Gorubathan	7602037684
18	Sri. Nirmal Roy	O/C Gorubathan	Gorubathan - Police Station	9733008016
19	Sri. N.S. Kujur	O/C Jaldhaka	Jaldhaka Police Station	9083270423/ 9475820353

Annexure III

1. Incident Response Teams

INCIDENT RESPONSE TEAM: KALIMPONG-I DEVELOPMENT BLOCK					
Sl. No.	NAME OF THE ROLE	NAME OF THE OFFICIALS WITH DESIGNATION	ADDRESS	TELEPHONE NO	MOBILE NO.
1	RESPONSIBLE OFFICER & INCIDENT COMMANDER	Sri. Deepanjan Naskar, BDO	BDO office Kalimpong-I P.O- Kalimpong		7797378654
2	DEPUTY INCIDENT COMMANDER	Sri. Khudiram Rava, Jt.BDO	Do		9735939695
3	INFORMATION OFFICER	Sri. Khudiram Rava, Jt.BDO	Do		9735939695
4	LIAISON OFFICER	Smt. Kaberi Subba, BDMO	Do		8327268064
5	SAFETY OFFICER	Dr. C.K. Chettri, BMOH	BPHC, Rambhi		9641259770
		Dr. Santanu Das, MO	Do		9800785927
		Dr. Dipak Kumar	Do		9614954221
		Dr. Sujit Kr. Mishra, MOIC	Samthar, BPHC		8609131655
		Dr. Palash Sikdar, MOIC	Teesta, BPHC		8296447165
6	PLANING SECTION CHIEF: Sri. Khudiram Rava Jt, BDO				
7	SITUATION UNIT	Sri. Palden Bhutia, APO	BDO office Kalimpong-I P.O- Kalimpong		9641184222
		Sushree. Shakila Tamang, WDO	Do		9832047566
8	RESOURCE UNIT	Smt. Kaberi Subba, BDMO	Do		9733031588
		Smt. Sukmit Lepcha, ADEO Sri. Nigma Lepcha, CDV Sri Bijoy Subba, CDV	Do		8972307196 8906113200 6296071789
10	OPERATION SECTION CHIEF: Smt. Kaberi Subba BDMO				
11	SEARCH & RESCUE BRANCH	Sri. Mani Kumar Tamang, O/C Fire Services	Fire Station Kalimpong		8016091806

		Sri. Palden Bhutia, APO	BDO office Kalimpong-I P.O- Kalimpong		9641184222
		Sri. Milan Pradhan, UD (P/S)	Do		9733093798
12	LAW & ORDER	Sri. Lakpa Bhutia O/C Teesta Sri Saran Sarki O/C Ramphu Sri. Dawa Sherpa, O/C Rambhi Sri. Mahendra Lama, O/C Malli	Teesta P.S. Ramphu OP RambhiP.S. Malli		8250829293 7076763536 9531739655 8001496018
13	TRANSPORT BRANCH	Sri. Milan Shilal AHC	BDO office Kalimpong-I P.O- Kalimpong		9733023270
14	ARD	Dr. KesangBomzon, BLDO Kpg-1	Seed Farm, Kalimpong		9832332715
15	HEALTH	Dr. C.K. Chettri, BMOH	BPHC, Rambhi		9641259770
16	AGRICULTURE	Sri. JesonLepcha, ADA	A.D.A's office 9th Mile Kpg	03552- 255529	9800364880
17	ROADS PWD CIVIL	Sri. AbhijitSarkar, AE Kalimpong	PWD Kalimpong	03552- 255250	6294766081
18	ELECTRIC:WBSEDC L	Sushri. Sudhanshu Das, AE	Power House 10th Mile Kpg	03552- 255855	
19	WATER SUPPLY	Sri. RajanPradhan, Superintendent	Water Works East Main Road Kalimpong		9647358757
20	EDUCATION	Smt. Ongkila Bhutia, SI Primary Smt. Menuka Sewa, SI Secondary	SI Office, Kalimpong		9932671683 9832082722
21	TELEPHONE	Sri. Sailendra Lama, JTO Sri. Sudhangshu Das, JTO	Thana Dara, Kalimpong	03552- 255202	9474493980 9475359545
22	FISHERY	Smt. MeghaLhamuBhutia, FEO	BDO office Kalimpong-I P.O- Kalimpong		9609990937
23	FINANCE AND ADMINISTRATION SECTION CHIEF: Sri Niranjan Roy, Jt BDO				
24	FINANCE BRANCH	Sri. Milan Pradhan, AHC	BDO office Kalimpong-I P.O- Kalimpong		9733093798
25	TIME UNIT	Sri , RatanSinha, SAE	BDO office Kalimpong-I P.O- Kalimpong		9733106268

26	COMPENSATION UNIT	Sri. Khudiram Rava, Jt.BDO	Bdo office Kalimpong-I P.O- Kalimpong		9735939695
		Smt. KaberiSubba, BDMO			9733031588
		Sri. Palden Bhutia, APO			7076554715
		Smt. Megha Lhamu Bhutia, FEO			9609990937
		Sri. PhurbaTamang, CI			8670056748
		Sri. Milan Shilal, AHC			9733023270
		Sri. JesonLepcha, ADA	A.D.A's office 9th Mile Kalimpong	03552-255529	
27	PROCUREMENT UNIT	Sri. Ratan Sinha, SAE Sri. Milan Shilal, UD Sushree. SuchitaThapa, Cashier	BDO office Kalimpong-I P.O- Kalimpong		9733106268 9733023270 9733091546
28	COST UNIT				
29	LOGISTIC SECTION CHIEF: PhurbaTamang, CI				
30	SERVICE BRANCH		SUPPORT BRANCH		
31	COMMUNICATION UNIT	Smt. Kaberi Subba, BDMO, 8327268074	RESOURCE PROVISIONING UNIT	Sri. PhurbaTamang, CI, 8670056748	
32	MEDICAL UNIT	Dr. C.K. Chettri, BMOH, 9641259770	FACILITIES UNIT	Smt. KaberiSubba, BDMO, 8327268074	
33	FOOD UNIT	Sri. Dipenkar Sarkar, FI 9832315931/9563445129	GROUND SUPPORT UNIT	Sri. SudarshanTamang, TA, 9749418544 Sri. DipenNewar, TA, 9851837390 Sushree. PalmuTamang, STP,9593792321Sushree. RatimaRai, STP , 8972236823 Smt. Unity Bhujel, STP, 8906401886	

2.

INCIDENT RESPONSE TEAM: KALIMPONG-II DEVELOPMENT BLOCK				
Sl. No.	NAME OF THE ROLE	NAME OF THE OFFICIALS WITH DESIGNATION	ADDRESS	MOBILE NO.
1	RESPONSIBLE OFFICER & INCIDENT COMMANDER	Smt. Subarna Mazumdar, BDO	BDO Office, Algarah, P. O. Algarah	7797378655
2	DEPUTY INCIDENT COMMANDER	Shri Nareshraj Rai, Joint BDO	- Do -	9614704935
3	INFORMATION OFFICER	Smt. Narpundee Lepcha, Joint BDO	- Do -	9932926217
4	LIAISON OFFICER	Shri Lhawang Dukpa, BDMO	- Do -	9733086584
5	SAFETY OFFICER	Dr. Sayan Halder	BPHC Pedong, P.O. Pedong	8335967712
		Shri Manikumar Tamang, O.C, Fire Dept.	Kalimpong	8016091806
		Dr. N.J. Pradhan	MO Algarah	9434196783
		Dr. Joydeb Pal	MO Pedong	7602208860
		Dr. Subhendu Das	MO Gitdabling	9932006266
		Sri Thupden Bhutia O/C, Police Post, Algarah	Algarah Bazaar	8509502833
6	PLANING SECTION CHIEF: SHRI NARESHRAJ RAI, Jt.BDO			
7	SITUATION UNIT	Shri Rupesh Lama, APO	BDO Office,	8145749609
		Shri Kapil Thapa, CDV	BDO Office	7047085744
8	RESOURCE UNIT	Shri Lhawang Dukpa, BD MO	BDO Office,	9733086584
		Sri Diwash Kr. Mothay, UDA	Kalimpong	9832447638
9	DEMOBILISATION UNIT	Sri Thupden Bhutia O/C, Police Post, Algarah	Algarah Bazaar	8509502833
		Sri Manish Tamang, T.A. MGNREGS	Algarah Bazaar	993390644
10	OPERATION SECTION CHIEF: SHRI LHAWANG DUKPA, BDMO			
11	SEARCH & RESCUE BRANCH	Sri Thupden Bhutia O/C, Police Post, Algarah	Algarah Bazaar	8509502833
		Sri Kundan Tamang	BDO Office,	9635642712
		Sri Sonam Lama	BDO Office,	9932907460
		Sri Dipen Rai	BDO Office,	9932907460
12	LAW & ORDER	Sri Laxman Pokhrel, O/C Police	Pedong	9733096342

		Post, Pedong		
13	TRANSPORT BRANCH	Sri Raju Rai, AHC, NREGA	Pedong	9733062005
14	ARD	Dr. J.R. Bhutia, BLDO	Kalimpong	9933021107
15	HEALTH	Shri Sayan Halder, BMOH	BPHC Pedong, P.O. Pedong	8335967712
16	AGRICULTURE	Dr. Gopal Tamang, ADA	Algarah, P.O. Algarah	9832654214
17	ROADS PWD CIVIL	Sri Susanta Mukherjee, A.E.	Kalimpong	9434636027
18	ELECTRIC: WBSEDCL	Pratima Lepcha A.E.	Kalimpong	7449301264
19	WATER SUPPLY	Sri C.B. Subba, W.A.	Kalimpong	9832075771
20	EDUCATION	Smt. Minuka Sewa. A.I. of School	Kalimpong	9832082722
21	TELEPHONE	Shri Amar Chettri	Algarah	9002791577
22	FISHERY	Smt. Veronica Gurung, FEO	Pedong	9733325601
23	FINANCE AND ADMINISTRATION SECTION CHIEF: SMT. NURPUNDEE LEPCHA, Jt. BDO			
24	FINANCE BRANCH	Smt. Sujata Sahee, Cashier,	Kalimpong	7797343295
25	TIME UNIT	Shri Gagan Pokhrel, T.A. MGNREGS,	BDO Office, Algarah, P.O. Algarah	8967300448
26	COMPENSATION UNIT	Sri Prakash Bhusal	Kalimpong	9832043882
27	PROCUREMENT UNIT	Sri Raju Rai, AHC, NREGA	Kalimpong	9733062005
28	COST UNIT	Shri Lhawang Dukpa, BDMO	BDO Office, Algarah, P.O. Algarah	9733062005
29	LOGISTIC SECTION CHIEF: SHRI RUPESH LAMA, APO			
30	SERVICE BRANCH		SUPPORT BRANCH	
31	COMMUNICATION UNIT	Shri Lhawang Dukpa, BDMO, 9733086584	RESOURCE PROVISIONING UNIT	Shri Pranay Guru ng, IBCW, 8250318499
32	MEDICAL UNIT	Shri N.J. Pradhan, BMOH, 9874738842	FACILITIES UNIT	Shri Lhawang Dukpa, BDMO, 9733086584
33	FOOD UNIT	Shri Dipankar Sarkar, Inspector, F&S, 9832315931	GROUND SUPPORT UNIT	Sri Rupesh Lama, 8145749609

3.

INCIDENT RESPONSE TEAM: GORUBATHAN DEVELOPMENT BLOCK				
Sl. No.	NAME OF THE ROLE	NAME OF THE OFFICIALS WITH DESIGNATION	ADDRESS	MOBILE NO.
1	RESPONSIBLE OFFICER & INCIDENT COMMANDER	Shri Biswaranjan Chakraborty, BDO	BDO Office, Gorubathan	7551088808, 9073938407
2	DEPUTY INCIDENT COMMANDER	Shri Jadav Roy, Joint BDO	- Do -	7551042508
3	INFORMATION OFFICER	Smt. Gracema Lepcha, BDMO-in- Charge	-Do -	9800524762
4	LIAISON OFFICER	Smt. Gracema Lepcha, BDMO-in- Charge	-Do -	9800524762
5	SAFETY OFFICER	Shri Subashis Manna, BMOH Shri Sutanu Sen Sharma, BMOH	BPHC Gorubathan BPHC Jaldhaka	9851944955 8145931264
		Shri Manikumar Tamang, O.C, Fire Dept.	Kalimpong	8016091806
		Dr. Saikat Saha	BPHC	8001547687
		Dr. Uttam Kumar Das	PHE, Sherpa Gaon	7602720974
		Sri. Nirmal Rai, O/C Gorubathan	Gorubathan	8116424644
		Sri NS Kujur, O/C Jaldhaka	Jaldhaka	9083270423, 9475820353
6	PLANING SECTION CHIEF: SHRI JADAV ROY, Jt.BDO			
7	SITUATION UNIT	Shri Biswajit Bhowmik, PAAO	BDO Office,	8436961636, 8250124953
		Smt. Pema Lhamu Bhutia, BWO	BDO Office	9073938777, 9434809415
		Sri. Nirmal Rai, O/C Gorubathan	Gorubathan	8116424644
		Sri NS Kujur, O/C Jaldhaka	Jaldhaka	9083270423, 9475820353
8	RESOURCE UNIT	Shri Tushar Bagchi, JE	BDO Office,	9434132224
		Sri Ashes Tamang, IBCW	BDO Office	8670223331
		Sri Yashraj Rasaily, STP	MGNREGS	7384798868
9	DEMOBILISATION UNIT	Sri. Nirmal Rai, O/C Gorubathan	Gorubathan	8116424644
		Sri NS Kujur, O/C Jaldhaka	Jaldhaka	9083270423, 9475820353
		Sri Bikram Thapa, TA	MGNREGS	9475082963
		Sri Saran Gahatraj, TA	MGNREGS	7384864356
10	OPERATION SECTION CHIEF: SHRI JADAV ROY, JT BDO			

11	SEARCH & RESCUE BRANCH	Sri. Nirmal Rai, O/C Gorubathan	Gorubathan	8116424644
		Sri NS Kujur, O/C Jaldhaka	Jaldhaka	9083270423, 9475820353
		Sri Bikram Thapa, TA	MGNREGS	9475082963
		Sri Yashraj Rasaily, STP	MGNREGS	7384798868
		Sri Premdan Molomu Lepcha	MGNREGS	9749140648
12	LAW & ORDER	Sri. Nirmal Rai, O/C Gorubathan	Gorubathan	8116424644
		Sri NS Kujur, O/C Jaldhaka	Jaldhaka	9083270423, 9475820353
13	TRANSPORT BRANCH	Shri Tushar Bagchi, JE	BDO Office,	9434132224
		Sri Ashes Tamang, IBCW	BDO Office	8670223331
		Sri Binod Lama, Driver BAP	MGNREGS	9775832599
14	ARD	Dr. Sunil Kumar Ghosh, BLDO	Gorubathan	9434474505
15	HEALTH	Shri Subashis Manna, BMOH	BPHC Gorubathan	9851944955
		Shri Sutanu Sen Sharma, BMOH	BPHC Jaldhaka	8145931264
16	AGRICULTURE	Shri Mukesh Tamang, ADA	Gorubathan	9083266478
17	ROADS PWD CIVIL	Sri Prasanta Panja, A.E.	Gorubathan	9434204859
18	ELECTRIC: WBSEDCL	Sri Ranadip Majumdar, A.E.	Gorubathan	03562-250282
		Sri Abinash Kumar AE.	Odlabari	7449301320
19	WATER SUPPLY	Sri Prithiviraj Pradhan, Exe. Engineer	Kalimpong	9933303489
20	EDUCATION	Smt. Rejina Lepcha. A.I. of School	Gorubathan	7602037684
		Shri Anand Sharma, SI of School	Gorubathan	9563004427
21	TELEPHONE	Shri Sailendra Lama, JTO	Gorubathan	9474493980
22	FISHERY	Shri Saral Gurung, FEO	BDO Office	9832159566, 8597436710
23	FINANCE AND ADMINISTRATION SECTION CHIEF: SHRI JADAV ROY, JT BDO			
24	FINANCE BRANCH	Shri Biswajit Bhowmik, PAAO	BDO Office,	8436961636, 8250124953
		Shri Gunja Singh Baraily, UDC	BDO Office	9933546740
25	TIME UNIT	Shri Tushar Bagchi, JE	BDO Office,	9434132224
		Sri Yashraj Rasaily, STP	MGNREGS	7384798868
		Sri. Nirmal Rai, O/C Gorubathan	Gorubathan	8116424644
		Sri NS Kujur, O/C	Jaldhaka	9083270423,

		Jaldhaka		9475820353
26	COMPENSATION UNIT	Shri Biswajit Bhowmik, PAAO	BDO Office,	8436961636, 8250124953
		Shri Mukesh Tamang, ADA	Gorubathan	9083266478
		Dr. Sunil Kumar Ghosh, BLDO	Gorubathan	9434474505
		Smt. Gracema Lepcha, BDMO-in-Charge	-Do -	9800524762
		Smt. Pema Lhamu Bhutia, BWO	BDO Office	9073938777, 9434809415
		Shri Saral Gurung, FEO	BDO Office	9832159566, 8597436710
		Shri Deoraj Sharma, Cashier	BDO Office	9734077083
27	PROCUREMENT UNIT	Shri Tushar Bagchi, JE	BDO Office,	9434132224
		Shri Amir Tamang, AHC	BDO Office	9609564031
		Shri Gunja Singh Baraily, UDC	BDO Office	9933546740
		Shri Deoraj Sharma, Cashier	BDO Office	9734077083
28	COST UNIT	Shri Gunja Singh Baraily, UDC	BDO Office	9933546740
		Shri Deoraj Sharma, Cashier	BDO Office	9734077083
29	LOGISTIC SECTION CHIEF: SHRI JADAV ROY, JT BDO			
30	SERVICE BRANCH		SUPPORT BRANCH	
31	COMMUNICATION UNIT	Smt. Gracema Lepcha, BDMO-in-Charge, 9800524762	RESOURCE PROVISIONING UNIT	Shri Tushar Bagchi, JE, 9434132224 Shri Ashesh Tamang, IBCW, Shri Yashraj Rasaily, STP
		Shri Tushar Bagchi, JE, 9434132224		
32	MEDICAL UNIT	Shri Subashis Manna, BMOH,	FACILITIES UNIT	Shri Tushar Bagchi, JE, 9434132224 Smt. Anjani Gupta, LEOMEE Shri Nirmal Rana, Sanitary Insp, 9733374947
		Shri Sutanu Sen Sharma, BMOH		
33	FOOD UNIT	Shri Biswajit Roy, Insp Food & Supply, 9434366863	GROUND SUPPORT UNIT	Smt. Gracema Lepcha, BDMO-in-Charge, 9800524762 Shri Tushar Bagchi, JE, 9434132224

Annexure IV

Annexure IV

Requisition of Army Aid by Civil Authorities

Ref Number _____ Date _____

1. From _____
 2. To _____
 3. For Info to _____
 4. Dt and Time Of Origination of Demand _____
 5. Sit AS at _____
 6. Type and Extent of Aid reqdFor _____
 7. Likely Duration and Period of Aid Reqd _____
 8. Officer in Charge Army aid to contact _____
 9. Name of Civ LO detailed _____
 10. Arrangement Made by CivAuth to Guide Army Aid to Place of Operations

 11. Special of Operations _____
 12. Please Ack _____
- Office Seal _____ Signature _____
Appointment _____

- Requisition from required in duplicate with the seal of the originator's office.
- Telephonic / telegraphic / fax request for the Army Aid may be sent simultaneously.

1. From _____
2. To _____
3. Type and extent of Aid Required _____
4. When and where Required _____
5. Representative Civil Administration _____
6. Rendezvous for Liaison Office and Army column to Meet representative Civil Administration _____
7. Air cover _____
8. Special Instruction, if any _____
9. Acknowledgement _____
10. Notes :-
 - (a) Above format be used while requisitioning Army aid by telephone/telegram.
 - (b) Army auth will intimate approximate time of arrival of the Army Coln at the given rendezvous to the civil auths.

De – Requisition of Army Aid(Natural Calamities).

1. Ref No _____ Date _____
2. From _____
3. To _____
4. Info to _____
5. Army aid requisitioned vide our ref No of
Is hereby de – requisitioned with effect from hours on
.....
6. Please Ack.
Office Seal

Signature _____
Appointment _____

Notes :-

One Copy to be handed over to the officer – in – charge Army Aid.

Two copies will be forwarded to the Army Headquarters from whom the aid was requisitioned.

(For NDRF)

REQUISITION FORM

From:

Date of Report:

To:

- a. Nature of calamity
- b. Date & Time of occurrence
- c. Affected area (number and names of affected districts)
- d. Population affected (Approx.)
- e. Nearest Railhead
- f. Nearest Airport
- g. Relief measures undertaken in brief
- h. Immediate response & relief assistance required .
- i. Forecast of possible future developments including new risks
- j. Any other relevant information.

Relief Commissioner/DM

Annexure V

Resource inventory of different Dept. and Privately owned.

1. Army 27th Mountain Division

Sl. No	Manpower/Vehicle/Equipment	Strength/Numbers
1.	General Duty solders	50 persons
2.	Engineering Support staff	11 persons
3.	Communication Duties	04 persons
4.	Vehicle Technicians	02 persons
5.	Medical staff	03 persons (including one doctor)
6.	Light vehicle	04 nos.
7.	Troops carrying vehicle	03 nos.
8.	Adm& Stores Vehicle	06 nos.
9.	Water Bowzer	01 no.
10.	Ambulance	01 no.
11.	Signal Equipment (Radio set)	04 nos.

2. NDRF B Coy 2ndBn Matigara, Siliguri

Sl. No	Manpower/Vehicle/Equipment	Strength/Numbers
1	1 Coy	3 teams x 30 personnel
2	CBRN	Multi Gas detector, Teletector, Mini Rod external/internal , Portable Alpha Contamination,etc.
3	SAR	Sufficient equipment available.

3. GREF, KALIMPONG

SI. No	Location Name	Resources deployed	Nos.	Name & Contact Person
01	Km 33.00 on (Nh10) Melli	-	-	Shri V.N Chaudhary, AE (Civ) Mob No 8257881763
02	Km 0.00 to Km 20.00 on Damdim –Algarah Rishi) Dalim	T/JD TPR Dumper	01 04 09	Shri Roshan Kumar singh, EE (C) Mob No 8219717450 9006088317
03	Km 20.00 to Km 49.00 on Damdin- Algarah-Rishi) Paperkheti	T/HIT Ex200T/HITEx2 00JS-200 Load Carrier Tpr Dumper	01 01 04 11 09	Shri Roshan Kumar Singh, EE (civ) Mob No 8219717450

04	Km 49.00 to Km 68.00 on (Damdim-Algarah-Rishi) Lava	T/WL JS-80 JCB 3 DX TPR Load carrier	01 01 01 09 02	Major Manumay Bisht Mob No 8555851530 & 8696593480
05	Km 98.00 to Km 92.00 (Damdim-Algarh-Rishi) Algarah	T/JD T/WL TPR Dumper	01 01 03 01	Major Manumay Bisht Mob No 8555851530 & 8696593480

4. Kalimpong Municipality

Sl.No.	Name of resource type	Quantity
1	JCB	1 no.
2	Cesspool	1 no.
3	Truck	2 nos.
4	Tipper Truck	1 no.
5	Pick up Truck (Bolero)	4 nos.
6	Sub-Centre	5 nos.
7	Health Personnel (First tier Supervisors)	5 nos.
8	Health Workers (Honorary)	25 nos.
9	Conservancy Personnel (Permanent)	35 nos.
10	Conservancy Personnel (Temporary)	41 nos.

5. WB Fire & Emergency Services, Kalimpong

Sl.No.	Name of resource type	Quantity
1	Station/Officer	1 no.
	Sub/Officer	1 no.
2	L/FO	8 nos.
3	F.E.O.D	7 nos.
4	Fire Operator	6 nos.
5	Auxiliary Fire Personnel	12 nos.
6	Utility Van Bolero camper (UV 72)	1 no.
7	Utility Van Bolero camper (UV 155)	1 no.
8	Aska Light	1
9	Search light	3
10	Lock Cutter	3 nos.
11	Crowbar	2 nos.
12	Shovel	3 nos.

13	Spade	5 nos.
14	14 lbs hammer	2 nos.
15	Canvas Stretcher	2 nos.
16	Jack with handle heavy duty	1 no.
17	Life Jackets	2 no.
18	Lowering ling for rescue	1 no.
19	Circular Diamond saw	1 no.
20	Slab Cutter	2 nos.
21	Holmatro Set	1 no.

6. List of Ambulance along with Driver of Kalimpong Health & Family Welfare Department

SL NO	Name of the DH/BPHC	Vehicle (Ambulance) No.	Contact person No.	Area from where the ambulance operates	Remarks
1	Kalimpong District Hospital	WB74R9214	8116511208	Kalimpong DH	Matriyan
2		WB73C1627	9932414049		Matriyan
3		WBD23J9527	8348995238		102Amb (Matriyan)
4		WB73B6349	9382309371		Ambulance
5		WB73D9122	9382309371		Ambulance (Van)
6	Gorubathan BPHC	WB76 3014	9547903782(Kushal Chettri)	Gorubathan BPHC to MAL SDH	Ambulance
7			86701000682(Chandra Bdr Chettri)	NBMCH/ Siliguri SDH	
8				Kalimpong DH	
9		WB77 9931	9933505171(Biki)	SDH	Matriyan
10				NBMCH/ Siliguri SDH	
11		WB78 2097	7063662014(Diwas Lepcha)	Jaldhaka PHC to Mal SDH	Ambulance
12				NBMCH/ Siliguri SDH	
13		WB74 V 5544	9434519554 (U Sam Dhungel)	Jaldhaka PHC to Mal SDH	Matriyan
14				Jaldhaka PHC to NBMCH / Siliguri SDH	
15	Rambi BPHC,	WB78-2782	8170952839/7384116158	Rambi BPHC	Ambulance

16	Block -I	WB97-3377	9002791141	Rambi BPHC	Matriyan
17		WB74W-1807	9932967953	Samthar PHC	Matriyan
18		WB76-9528	8116217903	Teesta PHC	Matriyan
19	Pedong BPHC, Block-II	(Govt. Vehicle) 73C 9614	7319145041/730230 3355	Pedong BPHC	Ambulance
20		WB79/2878	8001373452	Pedong BPHC	Matriyan
21		WB/74/w/3118	9734075772	Algarah PHC	Matriyan
22		WB/73-B8668	8670575539	Gitdubling PHC	Matriyan

Resources (Privately owned)

7. List of the owner of Excavators/JCBs with Contact No. under Kalimpong I

Sl. No.	Name	Contact No.
1	Passang Lama	9775442236
2	AnandLakhotia	9434876786/9775490988
3	Rudenlepcha	9832074915
4	PassangTamang	8016956732

8. List of Privately owned Resources under Kalimpong II

Sl. No.	Name of the Resource	Resource Type	Number	Name of Owner	Address	Contact No.
1	Vehicle	Sawari	1	BholaShivakoti	Samdong	9609071241
2	Vehicle	Sawari	1	HemrajBhujel	Phurun	9547706985
3	Vehicle	Sawari	1	Ganga Bdr. Khawas	Lower Kashyem	9614558734
4	Vehicle	Sawari	1	Sachin Tamang	Lower Kashyem	9614909275
5	Vehicle	Utility	1	LagayTsh.Lepcha	Samdong	9609815680
6	Vehicle	Utility	1	Suk Bdr. Tamang	12. no. Dhura	8768110038
7	Vehicle	Utility	1	MahendraKhawas	Upper Kashyem	9635204424
8	Vehicle	Utility	1	Ronald Khawas	Lower Kashyem	9614558565
9	Vehicle	Commander	1	ChudenLepcha	Namchelakha	7076451172
10	Vehicle	Commander	1	BishalRai	SillaryDobitolly	9083005732
11	Vehicle	Sumo	1	BirmaniRai	Phurun	8016751244
12	Vehicle	Sumo	1	SurenRai	Phurun	8597519070
13	Vehicle	Bolero	1	TilakBhujel	Phurun	8145836930
14	Vehicle	Max	1	UpendraMangar	12.no. Dhura	8906617832
15	Camera	Camera	1	Aden Lepcha	Samdong	9002823663
16	Camera	Camera	1	PravinRai	Namchelakha	9635775533
17	Camera	Digital	1	Philip Rai	Phurun	8972403909

		Camera				
18	Camera	Camera	1	Sonam Sherpa	12. no. Dhura	7872754004
19	Camera	Camera	1	Zenius Khawas	Kashyem GCP	9614909274
20	Vehicle	Utility	1	Jagat Dahal	Chuba	9002774313
21	Vehicle	Utility	1	B.B. Bhethwal	Chuba	9832355513
22	Vehicle	Utility	1	Hari P.D. Rai	Dokyong Kolbong	9932535527
23	Vehicle	Utility	1	Topden Bhutia	Lava	9932992033
24	Vehicle	Truck	1	Topden Bhutia	Lava	9932992033
25	Excavator	JCB	1	Topden Bhutia	Lava	9932992033
26	Generator	Generator	1	Taraman Rai	Chuba	7797127808
27	Miking System	Miking System	1	Udai Chhetri	Chuba	7679274411
28	Rope and Light	Rope and Light	1	Jagat Dahal	Chuba	9002774313
29	First Aid kit	First Aid kit	1	Krishna Pokhrel	Lingsey	
30	Vehicle	Bolero	1	Mahesh Gurung	Gitdabbling D.I.F	9933606044
31	Vehicle	Bolero	1	Chandra Bdr Chettri	Beong	8016367531
32	Vehicle	Bolero	1	Sudha Rai	Chyangdong	7602405197
33	Vehicle	Bolero	1	Puran Rai	Tugong	9002193816
34	Vehicle	Bolero	1	Ashok Lepcha	Dabbling	9932561180
35	Vehicle	Bolero	1	Krishna Bdr Rai	Pakang	7585951862
36	Vehicle	Pickup	1	Udai Raj Chettri	Tugong	9064841560
37	Vehicle	Pickup	1	Mandip Gurung	Dabbling	7602246689
38	Vehicle	Pickup	1	Ansalem Lepcha	Beong	7407876104
39	Vehicle	Bolero	1	Jimpagyatsho Sherpa	Chumang F.V	9800233372
40	Excavator	JCB	1	Firoj Ali	Gitdabbling	9679325525
41	Camera	Digital Camera	1	Amar Rai	Tugong	8967379001
42	Camera	Digital Camera	1	Ingden Lepcha	Dabbling	8116168371
43	Camera	Digital Camera	1	Anil Lepcha	Pakang	9679680179
44	Miking System	Miking System	1	Gambirman Rai	Pochok	7602425553
45	Miking System	Miking System	1	Ashok Lepcha	Dabbling	9932561180
46	Vehicle	Pickup	1	Markus Lepcha	Algarah DIF III	9932738221
47	Vehicle	Truck	1	Simon Lepcha	Algarah DIF III	
48	Vehicle	Pickup	1	Subash Singh	Algarah DIF III	9800095857
49	First Aid kit	First Aid kit	1	Primary Health Center	Algarah DIF III	
50	First Aid kit	Strecher	1	Primary Health Center	Algarah DIF III	

51	Torch Light	Torch Light	1	TsheringDorjeeBhutta	Algarah DIF III	790868018
52	Vehicle	Vehicle	1	BhimGurung	L/ GairiGaon	7407757781
53	Vehicle	Pickup	1	KadoBhutia	U/ GairiGaon	7407752188
54	Vehicle	Pickup	1	MeghnathGhimiray	East L/ Pagang	7365835640
55	Vehicle	Pickup	1	SonamBhutia	East L/ Pagang	8972409398
56	Vehicle	Pickup	1	LakpaBhutia	West L/ Pagang	9749026124
57	Generator	Generator	1	G. P. Office	East L/Pagang	9933043026
58	First Aid kit	First Aid kit	10	Sub Health Centre	Upper Pagang	9002639581
59	Excavator	JCB	2	Saran Rai	Rangpo F.V.	9002624635
60	Truck	TATA	1	Saran Rai	Rangpo F.V.	9002624635
61	Excavator	JCB	1	PrabinRai	TarkholaF.V.	993373079
62	Truck	TATA	1	PrabinRai	TarkholaF.V.	993373079
63	Excavator	JCB	1	BirajRai	TarkholaF.V.	993373079

9. LIST OF EARTH MOVING HEAVY VEHICLE FOR DISASTER MANAGEMENT UNDER GORUBATHAN DEVELOPMENT BLOCK, GORUBATHAN

SI No	Name of the Owner	Address	Contact No.	No. of Machine	Type of Machine
1	Sri Lakpa Namgay Bhutia	Todey Bazar	9800322826	1	JCB
2	Sri Ramesh Agarwal	Jholung Bazar	9531740644	1	JCB
3	Sri R.K Singh	O/C GREF, Phaperkheta	8016756278	2	JCB
4	Sri Sawant Kumar	O/C GREF, Shermali	8015625035	2	JCB
5	Sri Ajay Pal	Odlabari (Pokhrebong G.P)	9593645017	1	JCB

10. List of Petrol Pump and LP Gas godowns in Kalimpong District:

Sl. No.	Name of the Dealer	Address and Mobile Number	Type of
1.	Rinchen Gas Service	Main Road, Kalimpong.	LPG
2.	David Gas Distributor	10 th Mile, Rishi Road, Kalimpong 9434735225	LPG
3.	Phurba Indane Agency	Pedong, Gorubathan. 9933780084	LPG

4.	Gorubathan Indane Gramin Vitrak	Khasmahal, Gorubathan. 8016455919	LPG
5.	Sindborg Indane Gramin Vitrak	12&1/2, Mile Sindborg, Khasmal, Kalimpong 8116620644	LPG
6.	Tashi Service Station	8 th Mile, Kalimpong. 9933	Petrol
7.	Suntalay Oil.com	NH 31A, Lohapul, Suntalay, Kalimpong. 9434083520	Petrol
8.	Biswa Kiran Fuel Centre	6&1/2 Mile, Rishi Road, Kalimpong. 7797894989	Petrol
9.	Ratiram Bansilal Fuel Centre	Rishi Road, Kalimpong. 9832047800	Petrol
10.	Gorubathan Fuel Service	Lava Road, Gorubathan, 7984167687	Petrol

Annexure VI

Medical Preparedness Plan

DMP Chief Medical Officer of Health, Kalimpong

Likely health problem in post disaster phase.

Phase	Days	Likely Health Problem
I	0-3 Days	Disposal of dead bodies, Injuries, Drowning, Snakebites.
II	4-10 Days	Cholera, Bacterial dysentery.
III	11 Days-3 Weeks	Pneumonia, Hepatitis, Meningitis, Polio, Measles.
IV	3-6 Weeks	Malaria, Dengue, JE, Plague, Rehabilitation of injuries.
V	>6 Weeks	Psychological Problems, Malnutrition, etc.

Institutional and Policy Framework

i) Medical Rapid Response Teams have been prepared Sector wise consisting of the functionaries like BMOH, Medical Officer, Health Supervisors (M/F), SWO, BSI, SI, BPHN, PHN, Staff Nurse, Health Assistant (M/F) GDA, etc.

In grass root level health functionaries may be assisted by Community Health Guide and Anganwadi Worker and ICDS Supervisor and volunteers from Local Community, Club Members, School teachers, Panchayat Members, G.P. Pradhan, Staff from other departments etc.

ii) All the Health Assistant (M/F), Supervisors should be kept some basic medicine as per the list given by respective BMOHs. Superintendent, Kalimpong SDH must arrange extra space for accommodating injured patient & sufficient medicine stock must be procured from DRS, Darjeeling.

iii) Other health facilities like Dispensary/Hospital of plantations, Railway, Defence, Forests etc. will keep the Medicine and articles as per the list given to them.

PHE will also arrange for provision of safe drinking water to the beneficiaries under their catchment areas.

iv) Records regarding the utilization of Medicine etc. should be maintained in proper register by respective health units.

v) In respect of Providing Services all the Govt., Non Govt. Organization should maintain intra sectoral and inter sectoral co-ordination and also with Deptt. of Health to avoid any kind of duplicity and also for better services to affected areas.

vi) To avoid confusion and panic reaction no one should disclose/expose any kind of information to Media Personnel without consultation with concerned authority by telephonic message or other means.

vii) Multipurpose health worker should visit field regularly for collecting information and necessary action.

viii) To overcome the crisis of trained manpower in community including garden, villages some selected person of respective local community may be involved & provided training for working knowledge in different Health unit under Kalimpong Sub-Division.

ix) Problems of transportation may be solved by civil administration Sub-Divisional Magistrate, Block Development Officer etc. in extra demand during any kind of emergency.

x) All kind of leave of staffs during emergency will be cancelled.

xi) Staff from non-affected area may be shifted to affected area.

xii) All team leaders should maintain Liason with the Department of Disaster Management, Civil and General Administration, Panchayat etc. for running the activities smoothly during emergency period.

List of Govt. Health Facilities, Kalimpong District

Sub Division	Name of the Municipality/ Block	Name of the DH/ SDH	Name of the BPHC/RH	Name of the PHC	No.of SC
Kalimpong	Kalimpong Municipality	Kalimpong DH	-	-	-
	Kalimpong-I		Rambi BPHC	Samthar PHC, Teesta PHC	21
	Kalimpong-II		Pedong BPHC	Algarah PHC, Gitdabling PHC, Munsong PHC	18
	Gorubathan		Gorubathan BPHC	Sherpagaon PHC, Jaldhaka PHC	13

Listing of Institution Having Post Mortem Facility

Name of the District	Name of the Sub Division	Name of the Institution	Name of the Officer in Charge	Designation	Contact No.
Kalimpong	Kalimpong	Kalimpong SDH	Dr.A.Simlandi	Superintendent	9647238868

Stock Position of Drugs & Logistics for Combating the Disaster

Sl. No.	Name of the DH/SDH/BPHC/ PHC	ORS	Inj AVS	Tab zinc	Tab Halozone	Normal saline	Ringer's Lactate	Bleaching Power
1	Kalimpong DH	1635 pkts	45 vials	185 tabs	321 tabs	1420 btls	950 btls	25 drums
2	Gorubathan	3000 pkts	120 vials	0	0	400 btls	300 btls	4 drums
3	Kalimpong-I	500 pkts	40 vials	550 tabs	0	216 btls	696 btls	10 drums
4	Kalimpong-II	9000 pkts	40 vials	0	0	600 btls	336 btls	20 drums

Requirement of Material-Drugs and Equipments

Material-Drugs and equipment	Quantity required to serve a displaced population of 10,000 (in camp)	Quantity required to serve an affected population of 1,20,000
Bleaching powder	450 bags	750 bags
Halazone Tab	200000 tabs	300000 tabs
ORS	250000 sachets	40000 sachets
Normal Saline	50000 bottles	100000 bottles
Ringers' Lactate	150000 bottles	200000 bottles

Formation of Rapid Response Team at BPHC/DH for Disaster Management

Name of the DH/BPHC	Superintendent/ BMOH	Medical Officers	Asstt. Superintendent	NS/DNS/ PHNs	Staff Nurse	Pharmacist	HS/HA/ MI	DEO
Rambi BPHC	1	4	NA	3	4	1	32	2
Pedong BPHC	1	4	NA	2	12	3	27	1
Gorubathan	1	2	NA	2	3	1	1	1
Kalimpong DH	1	3	1	2	7	2	2	1

District Contact Person

Activity	Name of Nodal officer	Contact No.	Substitute Officer	Contact No.
Overall	Dr.P.K.Borai, CMOH	8240598103	Dr.Sudip Das, Dy.CMOH-I	7427984806/ 9382767161
Reporting	Dr.Sudip Das, Dy.CMOH-I	7427984806/ 9382767161	Dr.S.B.Kundu, ACMOH	8250010176
Logistics (Drugs)	Dr.Sudip Das, Dy.CMOH-I	7427984806/ 9382767161	Dr.S.B.Kundu, ACMOH	8250010176
Logistics (Transport)	Dr.Sudip Das, Dy.CMOH-I	7427984806/ 9382767161	Dr.S.B.Kundu, ACMOH	8250010176
Intersectoral coordination	Dr.P.K.Borai, CMOH	8240598103	Dr.Sudip Das, Dy.CMOH-I	7427984806/ 9382767161
Media Management	Dr.P.K.Borai, CMOH	8240598103	Dr.Sudip Das, Dy.CMOH-I	7427984806/ 9382767161

ACTION PLAN FOR THE DISASTER MANAGEMENT IN RESPECT OF
KALIMPONG DISTRICT HOSPITAL
Telephone: 03552 - 255245, 255633

PERSONNEL

1. Hospital Superintendent.....	01
2. Assistant Superintendent.....	01
3. Total Number of Medical Officers.....	36 (Regular + Contractual)
• Medical Officer Working in different specialties...	23 ----do-----
• General Duty Medical Officers (GDMO).....	10 ----do-----
• Blood Bank Medical Officers.....	01
• Dental Surgeon.....	02 -----do-----
• Homeopathy Medical Officer (HMO).....	01
4. Nursing Personnel.....	137
5. Non Medical Technical Personnel.....	26 -----do-----
6. Ambulance Driver.....	05 -----do-----
7. General Duty Attendant (GDA).....	75 -----do-----
8. Sweepers.....	20-----do-----

FACILITIES

- 24 hrs Emergency Unit
- 24 hrs OT/LR Services
- 24 hrs Blood Bank Services
- 24 hrs Emergency X-Ray& Digital X-Ray
- 24 hrs Ambulance Service
- ECG/USG Services
- Clinical Pathology
- H.D.U
- General & Special OPDs
- Dispensary
- 370 functional bed strength
- Gen. Medicine, Gen. Surgery (with burn ward), Gynae-Obstetrics (With PP Unit), Orthopaedics, Paediatrics, Eye, ENT, Dental clinic, LDC (Yoga), Homeopathy,physiotherapy.
- 24 hrs D.G Support (200 kva)
- Ambulance.....03
- Matriyan03
- Stretchers cum Trolley.....12 nos.

STORES

Store Keepers.....	04
Status of Life saving Drugs.....	Available/ Sufficient
Status of General medicines.....	Sufficient
Status of dressing materials/ Instruments/POP etc for injuries.....	Available

Status of disinfectants.....Available

Total Numbers of Oxygen cylinders (Type A, B, D) at different units.....180

Stock Position of Oxygen.....60-70 cylinders

MAKE SHIFT HOSPITAL

- S.U.M.I Gym Hall/Class rooms/Mill Ground
- Disha Centre
- Girls High School Centenary Hall/ School Ground/ Classrooms

Preparedness of RRT (Medical Team) at Block/ DH/SDH/ Level of Kalimpong District

Name of the Block/ DH/SDH	Name of the BMOH/Health Officer/Superintendent	Contact No.	Name of MO & PHN	Contact No.
Rambi	Dr.C.K.Chettri	9641259770	Dr.Santanu Das	9800785927
			Dr. Deepak Kumar,	9614954221
			Dr. Palas Sikhdar	8296447165
			Dr.Surjit Kr.Mishra	8609131655
			Smt.Niru D.Sherpa	7029267171
			Smt.Bidhya Rai	9933894494
			Smt.Lydia Rai	6294040431
			Smt.Zumkey Bhutia	9635254892
Kalimpong-II	Dr.Sayan Haldar (BMOH)	8902719268	Bulbul Bala Mothay (Sr.PHN)	9818753660
	Dr.N.J.Pradhan MOIC Algarah, PHC	9641074540	YanchenDolkar, PHN	8101172488
	Dr.Subhendu Das, MOIC, Gitdabling PHC	9932006266		
	Dr.Pranab Biswas, MO Gitdabling	7044572001		
Gorubathan	Dr.Abhisek Mondal	7602720974	Dr.S.Manna	8951944955
			Dr.S.Mukherjee	8240971300
			Smt.Tina Subba	9775628827
			Smt.Kapila Gurung	8436408674
			Smt.Sunita Trikhatri	9593607400

Annexure VII

QRT Kalimpong I Block

Sl. No.	Name of the G.P.	Volunteer	Contact No.
1	Bhalukhop	1. Tikaram Sharma-I 2. Mahendra Rai-I 3. Malati Rai-I 4. Arpen Rai-I 5. Malati Chettri-II 6. Rinky Tamang-II 7. Subotutta Gurung-II 8. Richart Lepcha-II 9. Kiran Gurung-III 10. Lakmit Bhutia-III 11. Janak Panchakoti-III 12. Papu Pradhan-III 13. Santosh Rai-IV 14. Bikash Pradhan-IV 15. Phurba Bhutia-IV 16. Dew Kumar Chettri-IV 17. Uddap Lama-V 18. Krishna Rai-V 19. Binita Rai-V 20. Ravi Chettri-V 21. Medina Lepcha-VI 22. Prajay Rai-VI 23. Santosh Manger-VI 24. Suren Rai	9932161789 9083680728 7432902403 8759918480 7719201098 7001237904 8371035354 7478444991 9932514389 9851192772 74788531626 7797870687 9547165543 8116598861 9933020817 9800608845 8436541304 9933632970 8967007129 9932018853 8145677254 7797953302 8942844842
2	Bong	1. Palden Taman-I 2. Buddha Raj Subba-I 3. Krishna Subba-I 4. Hema Darnal-I 5. Anjana Adhikari-II 6. Arun Chhetri-II 7. Geeta Chettri-II 8. Chanchal Basnet-II 9. Ashwin Chettri-III 10. Gay Tsh. Lepcha-III 11. La Tsh Lepcha-III 12. Tazom Lepcha-III 13. Bimal Rai-IV 14. Samden Lepcha-IV 15. Kamal Pradhan-IV 16. Digyel Lepcha-IV 17. Krishna Pokhrel-V 18. Ganesh Rai-V 19. Prasad Subba-V 20. Rekha Boral-V 21. Tekendra Adhikari-VI 22. Indra Tamang-VI	9933458986 7679597206 9933801227 9002693242 9832435431 9933474565 7864992780 9547758106 9564415835 8016105597 9932792251 8372035119 9547101634 9933022105 9933663131 9832009293 9832644401 9735838165 9735668173 8927762975 9641689672 9832549142

		23. Takendra Bhundari-VI 24. Pragya Bhundari-VI 25. Bimal Rai-VII 26. Sukbir Rai-VII 27. Hemu Bhujel-VII 28. Bindu Rai-VII	9547757957 9932965681 8945962733 9002207897 8016257709 9382807632
3	Dr. Graham's Homes	1. Smt. Suman Rana-I 2. Sri.Chandra Bdr. Sarki-I 3. Smt. Sarda Panchakoti-I 4. Bikki Ghimiray-I 5. Kumar Rumptel-II 6. Pratap Rai-II 7. Ranju Subba-II 8. Rita Tamang-II 9. Albina Thapa.-III 10. Sanita Chettri-III 11. Dhurbamani Chettri-III 12. Prakash Shanker-III 13. Moses Lepcha-IV 14. Munni Darnal-IV 15. Akash Patel-IV 16. Lalita Lama-IV 17. Arun Shankar 18. Rebika Simick 19. Noel Tamang 20. Manju Rajput	9735023978 9593685750 7699875672 6295324761 8101129675 9832872014 7432888359 7001228862 9933377182 9679701557 8016878092 9832079580 9800204225 9933128902 9679973147 8016597330 7047710606ss 7602232477 96142481234 8942859118
4	Dungra	1. D.B.Thapa-I 2. Sandesh Subba-I 3. Sanju Subba-I 4. Gyanendra Subba-I 5. Shiva Sharma-II 6. Ashish Subba-II 7. Abhimanyu Subba-II 8. Tirtha Bdr. Subba-II 9. Bipen Pradhan-III 10. Manju Pradhan-III 11. Jiwan Pradhan-III 12. Shanta Bdr. B.K-III 13. Ajay Tamang-IV 14. Bal Krishna Rai-IV 15. Nigma Lepcha-IV 16. Sidhant Rai-IV 17. Rajiv Gazmer-V 18. Gita Chettri-V 19. Yougal Thapa-V 20. Sandip Ghimirey-V 21. Bimal Chhetri-VI 22. Mamta Thapa-VI 23. Phipang Subba-VI 24. Saloon Chettri-VI 25. Nayan Subba-VII 26. Roshan Ghimiray-VII	9933043081 8016646622 9932506796 9635057058 8927773601 8967478518 7319486488 9932201968 8972301318 9832878319 9547806994 9832294706 8101899191 8918289452 8906113200 9635968487 8343881099 8016212516 7063390310 9002854380 7797984963 8371848363

		27. Siddhan Pradhan-VII 28. Akash Mukhia-VII 29. Sujata Chhetri-VIII 30. Suraj Gurung-VIII 31. Suja Chettri-VIII 32. Nilu Gurung-VIII 33. Laxmi Baraily-IX 34. Bhushan Pradhan-IX 35. Dipen Kalikotey-IX 36. Prakriti Sitton-IX	9647751533 6294221375 7001486124 9547655233 9735187818 7001517675 8927773633 9832347602 9093685516 9933176396
5	Kaffer-Kankebong	1. Anil Rai-I 2. Saroj Rai-I 3. Jhon Lepcha-II 4. Sukman Lepcha-II 5. Manoj Poudyal-III 6. Stephan Lepcha-III 7. Bharat Thapa-IV 8. Robin Thapa-IV 9. Dikbir Gurung 10. Subash Rai 11. Pema Tamang 12. Santosh Tamang 13. Bikash Mishra 14. Kumar Chhetri 15. Martin Tamang 16. Sarju Rai	9933546747 9775592946 8972963012 9933780208 9735017618 7602409155 95947042980 9679013765 9563048208 9002355998 9933132063 9800026713 7797859744 8972899852 9064189460 9775592946
6	Kalimpong	1. Dip Rai-I 2. Hema Tsh. Tamang-I 3. Chojen Lepcha-I 4. Heran Sharma-I 5. Jiten Rasaily-II 6. Ganga Chhetri-II 7. Nouel Lepcha-II 8. Nima Lepcha-II 9. Diwas Ttrwa-III 10. Rupesh Chettri-III 11. Saimon Rai-III 12. Mani Kr.Tiruwa-III 13. Nandalal Sharma-IV 14. Milan Bardewa-IV 15. Pawan Thapa-IV 16. Nirmal Khati-IV 17. Clament Khawa-V 18. La Tsh Lepcha-V 19. Sudir Mangratey-V 20. Bivek Rai-V 21. Suren Chettri-VI 22. Pasang Sherpa-VI 23. Mahendra Gurung-VI 24. Jamesh Lepcha-VI 25. Xavier Tamang-VII 26. John Lepcha-VII	9933493102 9933025272 9609841771 7478711491 9933807737 9933719708 9732939573 8016647118 9547564693 9933794063 8372940045 9851649073 8945969186 9932991988 9205916048 8169373901 6294740573 7076036008 9932352867 9732019806 6246451118 9749908238 8670235046 8670235139 9593305994 7601637549

		27. Robi Paswan-VII 28. Richard SatisuralVII 29. Wangdi Tamang-VIII 30. Richard Lepcha-VIII 31. Sagar Chhetri-VIII 32. Cho Tsh Lepcha-VIII	6361791190 8670569075 7076146867 9800372981 8768357071 8116001501
7	Lower Echhay	1. Mahendra Dahal 2. Singi Namgyal Bhutia 3. Kapil Psd. Timsina 4. Dipen Ghimirey 5. Yadav Sharma 6. Tarpan Tamang 7. Krishna Kr Acharya 8. Bijay Thapa 9. Bikash Bhujel 10. Urgen Tamang 11. Raju Khati 12. Mahendra Tamang 13. Tikaram Timsina 14. Tikaram Poudyal 15. Durga Nepal	9932671770 9635706520 8145850862 9933024749 9932451123 9679666635 9933671108 9547248769 967960213 9932234687 9749594171 9933628538 9933807772 8016105724 9832478563
8	Nimbong	1. Chyo Joate Lepcha-I 2. Avinas Lepcha 3. Kailash Chettri 4. Dilip Gurung 5. Yadav Thapa 6. Sonam Tsh. Lepcha 7. Dalaram Sharma 8. Gobind Chettri 9. Gunjan Chettri 10. Tikaram Chettri 11. Suman Tamang 12. Dipen Chettri 13. Prabin Chettri 14. Damber Kr. Chettri 15. Nima Tsh Lepcha 16. Chandra Man Bhujel 17. Harkaman Tamang 18. Raju Chettri 19. Teay Tsh. Lepcha 20. Reena Chettri 21. Bal Krishna Sharma 22. Yogendra Sharma 23. Anju Lepcha 24. Tyen Tsh. Lepcha 25. Bar Singh Lepcha 26. Eden Lepcha 27. Santa Lepcha 28. Tirtha Bir Tamang	9476294243 7872285704 7872566766 8343820212 8370938691 8158017784 9083709290 9647712992 9547299188 9733430233 9733118394 8145706275 9593212194 7407185309 9679375015 7602235241 7872938669 9775428749 9775408511 9609727346 7384240577 7407095378 9679219475 9932323151 6295387928 9933447843 8145240580 7602918502
9	Pabringtar	1. Nitesh Khawas-I 2. Damber Thapa-I 3. Yogen Subba-I	7384637699 9547599846 8343886196

		4. Kailash Bhujel –I 5. Yuel Subba-II 6. Gobin Biswakarma-II 7. Kalyan Chettri-II 8. Ravendra Subba-II 9. Agam Sing Gurung-III 10. Kiran Khawas-III 11. Amit Subba-III 12. Dil Bdr. Subba-III 13. Suraj Mukhia-IV 14. Simon Rai-IV 15. Gokulsing Gurung-IV 16. Jiwan Chettri-IV 17. Mani Kr. Subba-V 18. Hasan Gurung-V 19. Suraj Subba-V 20. Harka Subba-V 21. Sohan Thakur-VI 22. Shibu Rai-VI 23. Geeta Tamang-VI 24. Rakesh Mukhia-VI	9093369628 7602192875 8972938168 9547599228 9679891705 7479241377 6295478871 9635400336 9002906747 769874307 7407619643 9563618354 9434147238 9434226829 9734046782 8768185033 8145678109 9593833850 9002125079 7076909171 9800000828
10	Pudung	1. Sandeep Tamang 2. Ramesh Sharma 3. Manik Rai 4. Bijay Jogi 5. Nittam Rai 6. Rewas Rahapal 7. Durga Gurung 8. Ram Rai 9. Sidesh Rai 10. Joshep Rai 11. Jitu Subba 12. Raju Rai 13. Dhan Kr subba 14. Chandra Kr Rai 15. Durga Tamang 16. Yadhunath Adhikari	8637030388 8388978533 8016851747 7063455829 8597459300 8972679224 8016851546 6294083103 6296134729 9733386507 9800600381 8145839279 7557051250 8016219093 7602799469 9547656356
11	Samalbong	1. Subash Rai-I 2. Sudhir Chettri-I 3. Sujata Biswakarma-I 4. Sameer Tamang-I 5. Nirmal Lepcha-II 6. Hari Manger-II 7. Harka Bdr. Mangar-II 8. Yawan Chettri-II 9. Sundar Lama-III 10. Benu Chettri-III 11. Manju Tamang-III 12. Sanjay Subba-III 13. Deepen Kalden-IV 14. Deo Prakash Rai-IV 15. Tanka Mukhia-IV	8016878081 8016390576 8016462740 9635052878 9547792622 9733961759 9932958490 8945957681 7431924874 9933654087 9735075781 9735909847 8001411331 9733151701 8972587601

		16. Robin Khawas-IV 17. Endra Bdr. Kalden-V 18. Jonas Bhujel-V 19. Surendra Tamang-V 20. Som Tshering Lepcha-V 21. Sinbir Tamang-VI 22. Daulat Rai-VI 23. Krishna Pd. Chettri-VI 24. Amrit Thapa-VI 25. Sanjay Tamang-VII 26. Arun Tamang-VII 27. Pradip pd. Tamang-VII	6297815368 9563519600 9800765934 8016869731 9609992735 9800139301 9933503581 8370961460 8116864395 7384852213 7602243041 7076872964
12	Samthar	1. Gobind Bhujel-I 2. Sonam Lepcha-I 3. Bikash Bhujel-I 4. Dolma Sherpa-I 5. Dhanman Lepcha-II 6. Justin Lepcha-II 7. Phurba Lepcha-II 8. Kubir Singh Bhujel-II 9. Mahendra Lepcha-III 10. Yadi Lepcha-III 11. Madhan Bhujel-III 12. Dhan Maya Bhujel-III 13. Dinesh Chhetri-IV 14. Lalbir Rai-IV 15. Bijay Gurung-IV 16. Bhim Bdr Bhujel-IV 17. Ren Tsh. Lepcha-V 18. Ribum Lepcha-V 19. Bimla Bhujel-V 20. Binod Pradhan-V 21. Vision Rai-VI 22. Robert Lepcha-VI 23. Sujen Rai-VI 24. Remond Dewan-VI 25. Parsad Bhujel-VII 26. Bal Kr. Bhujel-VII 27. Jhalak Bhujel-VII 28. Paras Tamang-VII 29. Arun Bhujel-VIII 30. Santabir Bhujel-VIII 31. Raj kumar Pradhan –VIII 32. Ramesh Bhujel-VIII	9733450154 7076872921 9609762149 9647297582 702866206 9933024051 8670663627 7797315420 9733327047 9832376130 9800949916 8759218994 9733377931 8016215085 8145677370 6296715984 9547505044 9933799908 8145678839 8670612219 6294194390 8670090362 6296184144 9002161906 9547785090 7548060042 7602999372 9647953664 9800408450 7602703101 9733019056 8372097017
13	Seokbir	1. Passang Dorjee Tamang-I 2. Robert Lepcha-I 3. Nima Dorjee Tamang-I 4. Sonam Tsh. Lepcha-I 5. Tularam Sharma-II 6. Lalit Pradhan-II	8145849029 8509264274 9933157569 8250208344 9002142137 9609346572

		7. Udai Pradhan-II 8. Suraj Pradhan-II 9. Take Bir Gomden-III 10. Arun Bal-III 11. Buddhaman Yonzen –III 12. Sangay Tsh . Lepcha-III 13. Saran Dhakal-IV 14. Mamgal Sing Lepcha-IV 15. Dew Prakash Gomden-IV 16. Laku Tsh. Lepcha-IV	9800793961 8016107839 8670918361 8207001588 9593911954 8001381441 9647871739 9476293306 9641727410 7872670488
14	Sindebong	1. Thupden Lepcha-I 2. Merina Lepcha-I 3. Rita Rai-I 4. Deep Tsh. Lepcha-I 5. Pratap Rai-II 6. Gobin Basnet.-II 7. Hement Pradhan.II 8. Om Prakash Sharma-II 9. Taraman Subba-III 10. Anil Bhujel-III 11. Kumari Chettri-III 12. Pramod Chettri-III 13. Milan Tamang-IV 14. Nangsal Tamang-IV 15. Diwas Chettri-IV 16. Shanti Silal-IV 17. Narendra Giri-V 18. Rumjang Lepcha-V 19. Rukden Lepcha-V 20. Peden Pradhan-V 21. Sarad Rai-VI 22. Alka Pradhan-VI 23. Jigmey Lepcha-VI 24. Kausal Lama-VI 25. Guddu Lepcha-VII 26. Sabita Sharma-VII 27. Dheraj Thapa-VII 28. Subash Pokhrel-VII 29. Ramesh Jogi-VIII 30. Nil Kr Giri-VIII 31. Rudrahang Subba-VIII 32. Kiran Sharma-VII	9800486434 8967102524 8927204602 7318999337 8207001445 7550949701 8170941107 8972380394 8101601631 8918098952 8670000110 9800600442 9735052203 9635336546 7586095132 9932011974 9647789760 7797208760 8670880474 9749233157 7031536797 9614195584 8436007591 8346879833 9064840309 7908294081 9932673702 9933752407 8145393104 6295000295 9933352839 8906989589

15	Tashiding	1. Kiran Sherpa-I 2. Bikash Subba-I 3. Bikki Subba-I 4. Stermon Lepcha-II 5. Riwash Subba-II 6. Deben Subba-II 7. Sonam Lepcha-III 8. Santosh Subba-III 9. Narendra Gurung-III 10. Hemant Khawas-IV 11. Purnam Tamang-IV 12. Norden Lepcha-IV 13. Dinesh Rai-V	9679472855 9002925811 9932175652 9932945647 8906173647 8768837454 9609809698 8159961499 9933671027 9800000959 897100185 9800262464 7586820215
16	Teesta	1. Asish Mangar-I 2. Niraj Chettri-I 3. Sunil Pradhan-I 4. Sajan Mukhia-II 5. Ajit Rai-II 6. Uttam Rai-II 7. Raju Subba-II 8. Sanam Lepcha-III 9. Tilak Kr. Tamang-III 10. Sukman Lepcha-III 11. Nirmal Tamang-III 12. Samrat Gupta-IV 13. Bimal Rai-IV 14. Sajan Tamang-IV 15. Abisekh Bhujel-IV 16. Rajdip Biswakarma-V 17. Ruben Chettri-V 18. Manoj Thapa-V 19. Sailesh Sharma-V 20. Pradeep Tamang-VI 21. Sahayong Gurung-VI 22. Karan Pradhan-VI 23. Sushil Manger-VI 24. Shiva Chettri-VII 25. Raju Mukhia-VII 26. Sushil Gurung-VI 27. Bhaskar Pradhan-VII 28. Ganu Rai-VII 29. Binoy Tamang-VII 30. Radha Kishan Panikar-VII 31. Puran Rai-VIII 32. Nirmal Tamang-VIII 33. Sundar Raj Pradhan-VIII 34. Gobind Rai-VIII 35. Gopal Tamang-IX 36. Krishan Pradhan-IX 37. Bishnu Chettri-IX 38. Anit Chettri-IX	7807053604 7047432209 8967390673 9002690478 8670450841 8116749192 8167059452 9593031969 8597079714 8167844348 8670979880 6296224156 7679824957 7908409831 9635920831 8348957927 9609937328 9733350528 7908218290 8967885825 9933379675 7602256029 8145862906 7908436148 8918304509 9614766893 9734919809 7585982997 7602286653 8967885636 9064306399 8158082597 8918831813 7047879719 7407180462 8145881664 7872320930 8967220982

17	Upper Echhay	1. Sagar Rana-I 2. Rohit kr. Rai-I 3. Dichen Bhutia-I 4. Suraj Basnet-I 5. Radha Sharma-II 6. Yogen Gurung-II 7. Suk Bdr. Rai –II 8. Dawaki Sherpa-II 9. Phurba Sherpa-III 10. Jharna Kaushik-III 11. Puran Sharma-III 12. Karun Chamling-III 13. Doma Bhutia-IV 14. Sangay Doma Bhutia-IV 15. Tanka Ghimiray-IV 16. Anish Lamichaney-IV	7501882128 9932775667 8116132565 9002621380 7584848534 9800785172 7047710470 9749827940 6296986056 8116512328 8918589638 7384988818 9002760411 8016582808 9832013527 9635058309
18	Yangmakum	1. Dinesh Bhujel-I 2. Prem Bhujel-I 3. Dhiren Rai-I 4. Ongdup Lepcha-I 5. T.B. Rai-II 6. Rajesh (Bicky) Subba-II 7. Chandrap sing Bhujel-III 8. Guman sing Bhujel-III 9. Manish Subba-III 10. Raju Subba-III 11. Ashik Rai-IV 12. Kailash Bhujel-IV 13. Ramsing Bhujel-IV 14. Kalpana Lepcha-IV 15. Nar Bdr. Tamang-V 16. Dal Bdr. Tamang-V 17. Bir Bdr. Bhujel-V 18. Kubir sing Bhujel-V 19. Kanchan Bhujel-VI 20. Passang Tamang-VI 21. Bikash Bhujel-VI	9091377136 9734078005 7478408064 9134874194 9800815618 7719201951 8001280152 8345882262 7074549195 9475875297 9475529082 8597671878 8670141124 8967866305 9635710749 1440286612 8116425432 7602519060 6296773670 8116026894 956489721

QRT Kalimpong II

List of Quick Responce Team,KALIMPONG-II DEVELOPMENT BLOCK					
Sl.No.	Name of the members of Quick Response Team(<i>Disaster Management Group</i>)	Address	Contact No.	Field of activity	Name of G.P.
1	Tika Rai	Santook G.P.	9563233614	Executive Assistant	Santook G.P.
2	Rabi Magrati	Santook G.P.	9434196687	Sahayak	Santook G.P.
3	Bijay Tamang	Santook G.P.	9932234662	Karmee	Santook G.P.
4	Nanda Kumar Tamang	Santook G.P.	9932869235	Karmee	Santook G.P.
5	Bina Sarkee	Santook G.P.	9002712288	Karmee	Santook G.P.
6	Bharat Pradhan	Algarah DIF-II	8016480789	Shool Teacher	Santook G.P.
7	Sumit Chettri	Algarah DIF-II	8016386047	Social worker	Santook G.P.
8	Sudesh Chettri	Algarah DIF-II	9933633205	Social worker	Santook G.P.
9	Minju Bhutia	Algarah DIF-II	9609902780	Social worker	Santook G.P.
10	Dushant Tamang	Algarah DIF-I	9932320263	Social worker	Santook G.P.
11	Roman Subba	Lower Santook	9775970742	R.P. Santook S.H.G.	Santook G.P.
12	Pemba Bhutia	Mirik	7602282455	Social worker	Santook G.P.
13	Yogendra Tamang	Pakthang E&W	9749026178	Social worker	Santook G.P.
14	Pranit Bhujel	Paiyong F/V	9775980567	Social worker	Santook G.P.
15	Om. Tsh. Lepcha	Mool Santook	9932397752	Shool Teacher	Santook G.P.
16	Churamani Pokhrel	Whole G.P.	9733061809	Health Dept.	Santook G.P.
17	Santosh Chettri	Menjong	9932180889	Social worker	Santook G.P.
18	Rohit Chettri	Lingseykha G.P.	9932371380	Executive Assistant	Lingseykha G.P.
19	Bharat Bagdas	Lingseykha G.P.	9800600338	Secretary	Lingseykha G.P.
20	Gopal Chettri	Lingseykha G.P.	9832392405	Sahayak	Lingseykha G.P.
21	Sonam Tashi Bhutia,	Lingseykha G.P.	8509215758	Karmee	Lingseykha G.P.
22	Augen Lepcha	Changay	9933772613	Social worker	Lingseykha G.P.
23	Sebastin Lepcha	Changay	8436022209	Social worker	Lingseykha G.P.
24	Churamani Lepcha	Chuba	7479207811	Social worker	Lingseykha G.P.
25	Bishal Dahal	Chuba	8016763500	Social worker	Lingseykha G.P.
26	Ashok Rai	Dagyong Kolbong	7602282684	Social worker	Lingseykha G.P.
27	Sajan Rai	Dagyong Kolbong	9679412052	Social worker	Lingseykha G.P.
28	Tarkeshwar Konwar	Lava-Gitbeong G.P	9932483363	Executive Assistant	Lava-Gitbeong G.P
29	Ran Kr. Nawbag	Lava-Gitbeong G.P		Karmee	Lava-Gitbeong G.P

30	Mahendra Bagdas	Lava-Gitbeong G.P	9800140534	Karmee	Lava-Gitbeong G.P
31	Raju Lamichaney	Lava-DIF	9933447809	Teacher	Lava-Gitbeong G.P
32	Sujan Pradhan	Lava-DIF	9002104969	Social worker	Lava-Gitbeong G.P
33	Phup Tsh. Bhutia	Lava-DIF	8972002012	Social worker	Lava-Gitbeong G.P
34	Sonam Bhutia	Lava-DIF	8116717629	Social worker	Lava-Gitbeong G.P
35	Nima Lepcha	Lava-DIF	9933796732	Civic	Lava-Gitbeong G.P
36	Retemba Sherpa	Lava-DIF	7407898613	Social worker	Lava-Gitbeong G.P
37	Kamal Lepcha	Gitkolbong	9933922835	NGO	Lava-Gitbeong G.P
38	Phup Tsh. Bhutia	Gitkolbong	7076621282	Social worker	Lava-Gitbeong G.P
39	Arjun Sunuwar	Passabong	9593634197	Social worker	Lava-Gitbeong G.P
40	Ladup Lepcha	Passabong	8348993117	Social worker	Lava-Gitbeong G.P
41	Sila Lepcha	Nokdara	9635965015	Social worker	Lava-Gitbeong G.P
42	Bijay Thakuri	Nokdara	9635530814	Social worker	Lava-Gitbeong G.P
43	Binod Gajmer	Sangsey G.P.	7031717068	Executive Assistant	Sangsey G.P.
44	Dinesh Biswakarma	Sangsey G.P.	7602885619	Sahayak	Sangsey G.P.
45	Urgen Tamang	Sangsey G.P.	9775432214	Sahayak	Sangsey G.P.
46	Bharat Chhetri	Sangsey G.P.	9932519280	Karmee	Sangsey G.P.
47	Bimal Sharma	Sangsey G.P.	9832029758	Karmee	Sangsey G.P.
48	D.P. Lohar	Sangsey G.P.	9734097492	Karmee	Sangsey G.P.
49	Sarad Yonzon	Bhangay	9635596838	BLO & SSK Teacher	Sangsey G.P.
50	Anand Chettri	Bhangay	9434891944	SHG Member	Sangsey G.P.
51	Dhana Pradhan	Munsidhura	9933796761	Social worker	Sangsey G.P.
52	Shailendra Tamang	Munsidhura	9800700266	BLO & School Teacher	Sangsey G.P.
53	Chandra Rai	Yogda	8972301861	BLO & School Teacher	Sangsey G.P.
54	Arati Giri	Tumlabong	7063388685	SHG Member	Sangsey G.P.
55	Arjun Rai	Bimbong	9800790063	BLO	Sangsey G.P.
56	Keshar Rai	Kharka	9800226687	Social worker	Sangsey G.P.
57	Sharku Rai	Kharka	9800176217	Tax Collector	Sangsey G.P.
58	Samuel Lepcha	Khambung	9064812581	Social worker	Sangsey G.P.
59	Samala Rai	Khambung	9593977026	ICDS/SHG Cluster	Sangsey G.P.
60	Mahesh Tamang	Burmaik	8906712179	BLO	Sangsey G.P.
61	Samir Paudel	Burmaik	9800788589	NGO	Sangsey G.P.
62	Yugel Tsh. Sherpa	Munsong	9593883178	Asst. Teacher	Sangsey G.P.
63	Sonam Kabo	Munsong	9733216046	Head Teacher	Sangsey G.P.
64	Palden Sherpa	Rangpo GCP	7797646990	Social worker	Sangsey G.P.

65	Sachin Tamang	Rangpo F/V	9800816610	Social worker	Sangsey G.P.
66	Kalpna Rai	Tarkhola F/V	9933109147	BLO/SHG	Sangsey G.P.
67	Dawa Tamang	Tarkhola F/V	7602290828	Social worker	Sangsey G.P.
68	Aitasingh	Mangchu	9933802538	Social worker	Sangsey G.P.
69	Rajkumar Sharma	Sakyong-G.P.	9800113113	Executive Assistant	Sakyong-G.P.
70	Deepak Sewa	Sakyong-G.P.	9832447166	Sahayak	Sakyong-G.P.
71	Hariprasad Sharma	Sakyong-G.P.	9002379742	Karmee	Sakyong-G.P.
72	D.P. Biswakarma	Sakyong-G.P.	9800095210	Karmee	Sakyong-G.P.
73	Kumar Lohar	Sakyong-G.P.	8972460919	Karmee	Sakyong-G.P.
74	Ramesh Biswakarma	Dokyong-I	9933772242	Social worker	Sakyong-G.P.
75	Bhusan Rai	Dokyong-II	8972681334	Teacher	Sakyong-G.P.
76	Sonam Tsh. Bhutia	Lower Menchu	8001390751	Social worker	Sakyong-G.P.
77	Chopel Bhutia	Mul Sakyong-I	9563567899	Social worker	Sakyong-G.P.
78	Rinzee Bhutia	Mul Sakyong-II	9635471153	Social worker	Sakyong-G.P.
79	Udai Rai	Tendrabong	9002732226	Social worker	Sakyong-G.P.
80	Binod Rai	Mairung F.V	9547386688	Social worker	Sakyong-G.P.
81	Urdeep Rai	Chummerchen	9800770347	Social worker	Sakyong-G.P.
82	Alone Rai	Upper Menchu	9564144531	Social worker	Sakyong-G.P.
83	Umesh Rai	Kashyong G.P.	9733060780	Secretary	Kashyong G.P.
84	Pasang Bhutia	Kashyong G.P.	9932493888	Sahayak	Kashyong G.P.
85	Mani Kumar Pradhan	Kashyong G.P.	9635231478	Karmee	Kashyong G.P.
86	Dawa Doma Lama	Kashyong G.P.	7602282752	Karmee	Kashyong G.P.
87	Passang Bhutia	Kashyong G.P.	9932493888	G.P Sahayak	Kashyong G.P.
88	Andres Tamang	Samdong Busty	8158043897	Social worker	Kashyong G.P.
89	Milan Sharma	Kamzer Busty	9547408253	Social worker	Kashyong G.P.
90	Philip Rai	Phurun	8972403909	Social worker	Kashyong G.P.
91	Pradeep Tamang	Namchelakha	9002160473	Social worker	Kashyong G.P.
92	Bishal Rai	Sillary Dobitolly	9083005723	Social worker	Kashyong G.P.
93	Sonam Sherpa	12 no. Dhura	7872751004	Asst. teacher	Kashyong G.P.
94	Kamal Chamling	Upper Kashyem	9593209103	Social worker	Kashyong G.P.
95	Sajan Limbu	Lower Kashyem	7432910996	Social worker	Kashyong G.P.
96	Robert Rai	Gitdabling G.P.	9933628467	Sahayak	Gitdabling G.P.
97	Ramesh Chettri	Gitdabling G.P.	8016582702	Karmee	Gitdabling G.P.
98	Rezmit Lepcha	Gitdabling G.P.	9932903829	Karmee	Gitdabling G.P.
99	Prem Kumar	DIF	9932828722	Social worker	Gitdabling

	Chettri				G.P.
100	Ansalem Lepcha	Beong	7063834190	Social worker	Gitdabbling G.P.
101	Gautam Sherpa	Beong	7602222655	Social worker	Gitdabbling G.P.
102	Pancharaj Chettri	Tugong Chyangdong	7001045136	Social worker	Gitdabbling G.P.
103	Raten Rai	Tugong Chyangdong	8972222452	Social worker	Gitdabbling G.P.
104	Roshan Rai	Pochok	9800887499	Social worker	Gitdabbling G.P.
105	Rajen Rai	Pochok	8167280875	Social worker	Gitdabbling G.P.
106	Engden Lepcha	Dabbling	8116168371	Social worker	Gitdabbling G.P.
107	Ashok Lepcha	Dabbling	9932561180	Social worker	Gitdabbling G.P.
108	Topden Lepcha	Pakang	7585951862	NGO	Gitdabbling G.P.
109	Samel Lepcha	Pakang	9002304071	Social worker	Gitdabbling G.P.
110	Maheshwar Sharma	Paiyong G.P.	9933043026	Executive Assistant	Paiyong G.P.
111	Raju Rai	Paiyong G.P.	9933062005	Sahayak	Paiyong G.P.
112	Deoraj Panchakoti	Paiyong G.P.	9832673989	Sahayak	Paiyong G.P.
113	Rajdeep Gurung	Paiyong G.P.	9733061476	Karmee	Paiyong G.P.
114	Karun Darnal	Paiyong G.P.	9641324706	Karmee	Paiyong G.P.
115	Binod Kumar Chamling	Paiyong G.P.	9932202529	Karmee	Paiyong G.P.
116	Gyanu Tamang	Upper Gairi Gaon	8972476365	Social worker	Paiyong G.P.
117	Dorjee Bhutia	Upper Gairi Gaon	9064463304	Social worker	Paiyong G.P.
118	Pema Gyachhe Bhutia	Upper Gairi Gaon-II Middle	9800600154	Social worker	Paiyong G.P.
119	Chandu Subba	Upper Gairi Gaon West	9800017288	Social worker	Paiyong G.P.
120	Hemu Thapa	Lower Gairi Gaon	8768013383	Teacher	Paiyong G.P.
121	Pramod Gazmer	Upper Pagang	9641004872	Social worker	Paiyong G.P.
122	Rakesh Rai	Upper Pagang	9635005510	Social worker	Paiyong G.P.
123	Rupen Rai	East Lower Pagang	8116168623	Social worker	Paiyong G.P.
124	Pranai Rai	West Lower Pagang	9064463694	Social worker	Paiyong G.P.
125	Gagan Gurung	West Lower Pagang	7585877682	Social worker	Paiyong G.P.
126	Arpan Lepcha	Bidhyang	9933164896	Social worker	Paiyong G.P.
127	Laxman Rai	Bidhyang	9832584234	Social worker	Paiyong G.P.
128	Phup Tshering Bhutia	Pedong G.P.	801600362	Job Assistant	Pedong G.P.
129	Sarad Rai	Pedong G.P.	9932560639	Sahayak	Pedong G.P.
130	Bishnu Kumar Biswakarma	Pedong G.P.	9933628950	Karmee	Pedong G.P.
131	Kamal Kumari	Pedong G.P.	9635911939	Karmee	Pedong G.P.

	Tamang				
132	Kamal Pradhan	Pedong G.P.	8906463637	Karmee	Pedong G.P.
133	Bhakta Rai	Lower Newang Merong	8016105299	Social worker	Pedong G.P.
134	Dipu Tamang	Lower Newang Merong	9732945251	Social worker	Pedong G.P.
135	Gopal Tamang	Lower Newang Merong	9593285314	Social worker	Pedong G.P.
136	Santosh Bardewa	Upper Newang Merong	8016635527	Social worker	Pedong G.P.
137	Uttam Tamang	Upper Newang Merong	8001407445	Social worker	Pedong G.P.
138	Bishnu nKr. Biswa	Upper Newang Merong	9933628950	Social worker	Pedong G.P.
139	Raju Pradhan	Lower Dalep	9735302120	Social worker	Pedong G.P.
140	Navin Pradhan	Lower Dalep	9800375201	Social worker	Pedong G.P.
141	Priya Pradhan	Lower Dalep	9800838657	Social worker	Pedong G.P.
142	Shanti Sharma	Lower Dalep	9679605302	Social worker	Pedong G.P.
143	Purnahang Subba	Lower Dalep	9635642645	Social worker	Pedong G.P.
144	Saran Tamang	Upper Dalep	9679270907	Social worker	Pedong G.P.
145	Ratan Tamang	Upper Dalep	9547103735	Social worker	Pedong G.P.
146	Rewati Sharma	Upper Dalep	8016632213	Social worker	Pedong G.P.
147	Binod Ruchal	Upper Dalep	9932775348	Social worker	Pedong G.P.
148	Cheten Bhutia	Upper Pedong	8116014168	Social worker	Pedong G.P.
149	Arjun Tamang	Upper Pedong	8116674076	Social worker	Pedong G.P.
150	Dipen Gurung	Upper Pedong	9932215795	Social worker	Pedong G.P.
151	Sandip Rai	Upper Pedong	9933864714	Social worker	Pedong G.P.
152	Subhadra Rai	Upper DIF Pedong	9933513811	Social worker	Pedong G.P.
153	Kiran Chettri	Upper DIF Pedong	9800009834	Social worker	Pedong G.P.
154	Pritika Lepcha	Lower DIF Pedong	8436508128	Social worker	Pedong G.P.
155	Amit Bardewa	Lower DIF Pedong	7797345307	Social worker	Pedong G.P.
156	Gopichand Sharma	Lolay G.P.	9932903874	Executive Assistant	Lolay G.P.
157	Kishan Sherpa	Lolay G.P.	8016482145	Sahayak	Lolay G.P.
158	Milan Rai	Lolay G.P.	9932744207	Karmee	Lolay G.P.
159	Rakesh Sharma	Doon	9547506508	Social worker	Lolay G.P.
160	Adip Khawas	Doon	7602067859	Social worker	Lolay G.P.
161	Teresa Rai	Takna	8918586185	Social worker	Lolay G.P.
162	Saran Rai	Upper Lolay	9635291647	Social worker	Lolay G.P.
163	Jason Rai	Upper Lolay	8972308604	Social worker	Lolay G.P.
164	Yogen Chettri	Lowe Lolay	8116584701	Social worker	Lolay G.P.
165	Dilip Dulal	Lowe Lolay	8768389427	Social worker	Lolay G.P.
166	Rajen Rai	Mool Pala	9933884350	Social worker	Lolay G.P.
167	Arun Rai	Mool Pala	9635757828	Social worker	Lolay G.P.
168	Man Bdr. Tamang	Mool Pala	9933042967	Social worker	Lolay G.P.
169	Uden Lepcha	Bara Dhajay	9609928646	Social worker	Lolay G.P.
170	Jiwan Rai	Bara Dhajay	7602420286	Social worker	Lolay G.P.

171	Bhim Subba	Chota Dhajay	8172087332	Social worker	Lolay G.P.
172	Santosh Subba	Relli Mission Tar	7076873109	Social worker	Lolay G.P.
173	Kharga V. Subba	Dalapchand G.P.	9800686795	Secretary	Dalapchand G.P.
174	Keepa Bhutia	Dalapchand G.P.	9749030227	Sahayak	Dalapchand G.P.
175	Pradeep Rai	Dalapchand G.P.	9932202629	Karmee	Dalapchand G.P.
176	Mani Kumar Rai	Dalapchand G.P.	9932412332	Karmee	Dalapchand G.P.
177	Pranay Basnet	Upper Dalapchand	8670235664	Social worker	Dalapchand G.P.
178	Pranay Bhutia	Upper Dalapchand	9083005193	Social worker	Dalapchand G.P.
179	Mahendra Rai	Lower Dalapchand	9635706899	Social worker	Dalapchand G.P.
180	Dhiren Rai	Lower Dalapchand	7047089522	Social worker	Dalapchand G.P.
181	Anang Lepcha	Bidyang	9932094891	Social worker	Dalapchand G.P.
182	Puran Rai	Bidyang	8967801623	Social worker	Dalapchand G.P.
183	Prakash Chettri	Kagay G.P.	9800113113	Executive Assistant	Kagay G.P.
184	Pawan Gurung	Kagay G.P.	9733261365	Sahayak	Kagay G.P.
185	Dinesh Rai	Kagay G.P.	9832334165	Karmee	Kagay G.P.
186	Nar Bahadur Manger	Kagay G.P.	9832381399	Karmee	Kagay G.P.
187	Tshering Nidu Bhutia	Kagay G.P.	9832329471	Karmee	Kagay G.P.
188	Ganesh Khatiwara	Gendong	8101180666	Social worker	Kagay G.P.
189	Rajesh Subba	Pabak	7365902822	Social worker	Kagay G.P.
190	Dipak Sharma	Pabak	8101180666	Social worker	Kagay G.P.
191	Nima Lepcha	Benda	8348204665	Social worker	Kagay G.P.
192	Dasrath Sharma	Benda	8101374278	Social worker	Kagay G.P.
193	Suren Rai	Duka	7872096920	Social worker	Kagay G.P.
194	Ta Tshering Lepcha	Duka	9932471339	Social worker	Kagay G.P.
195	Tikaram Chettri	Kagay Gerock	7602043617	Social worker	Kagay G.P.
196	Netra Kr. Rai	Kagay Gerock	8436742030	Social worker	Kagay G.P.
197	Prabin Rai	Maria	9733375173	Social worker	Kagay G.P.
198	Edbin Rai	Maria	8016169169	Social worker	Kagay G.P.
199	Rajen Rai	Rabek	9635765333	Social worker	Kagay G.P.
200	Sukman Rai	Rabek	9564293409	Social worker	Kagay G.P.
201	Umesh Pariyar	Lingsey G.P.	8436608616	Executive Assistant	Lingsey G.P.
202	Chandra Prasad Sharma	Lingsey G.P.	9932453317	Sahayak	Lingsey G.P.
203	Rajen Subba	Lingsey G.P.	9832310097	Karmee	Lingsey G.P.
204	Robin Rai	Tagathang	9800445015	MGNREGS Supervisor	Lingsey G.P.
205	Raju Chettri	Tagathang	9647871753	MGNREGS Supervisor	Lingsey G.P.
206	Pradeep Chettri	Dabaipani	8145160677	Ex-Army	Lingsey G.P.

207	N.B. Subba	Tagathang	9647871753	SHG	Lingsey G.P.
208	Tirtha Poudyal	Dabaipani	9832304637	SHG	Lingsey G.P.
209	I.M. Poudyal	Lingsey	7407337103	SHG	Lingsey G.P.
210	Arjun Subba	Dabaipani	7478471931	Asst. teacher	Lingsey G.P.
211	Homnath Niraula	Linsey	9832381404	Headmaster	Lingsey G.P.

QRT Gorubathan

Name of the Gram Panchayat	Name, Address, Contact No. of Pradhan/Resource Person. (ADMINISTRATOR)	Name, Address, Contact No. of G.P. Staff	Name, Address, Contact No of AWW	Name, Address, Contact No. of Health Assistant	Name, Address, Contact No. of MR Dealer	Name, Address, Contact No. of Pranibandhu	Name, Address, Contact No. of KPS/Agr.
Pokhrebong	Biswajit Bhowmick, 8250124953	1. Shri Gopal Chhetri, EA-9800415418 2. Shri Arun Ghising, Secy-8972025902/9832058412	1. Smt Deepa Bhandari, Sup-9002266522	1. Smt Leela Chhetri, Pokhrebong G.P.-9733083774	1. Sri Sarjan Rana-9593654817 2. Ram Kumar Agarawal-8016462317	1. Sri Arjun Lama, A/A-8016468512	1. Sri Sajan Chhetri, ATM-7076556013
Samsing	Smt. Anjani Gupta-9733071984	1. Shri Sanjay Biswa, Secy -9434956916 2. Shri Satyam Shilal, P/S-8900516357	1. Smt Ganga Sharma, Sup-9003585332	1. Smt Bibiyana Rai, 1st ANM-9474422450	1. Sri Sarjan Rana-9593654817 2. Om Kr. Pradhan-9546798512	1. Sri Ramesh Chhetri, A/A-9775819538	1. Sri Ravi Basor, ATM-9554933146
Kumai	Smt. Pema Lamu Bhutia-9434809415	1. Shri Binod Bhujel(Secy)-9434166423/03552202361 2. Bishal Bhujel P/S -8016142328	1. Smt Aitamit Lepcha, Sup-9002567449	1. Smt Sabnam Sharma, 1st ANM-94345992948	1. Sri Sarjan Rana-9593654817 2. Silan & Monika Gurung-9474748545	1. Shri Sherap Sherpa, Monray F.V.-8900071983	.-do-
Gorubathan II	Saral Gurung, 8597436710	1. Shri Rajendra Subba Secy -8016738779 2. Shri. Naresh Tamang, J/A-9002066906	1. Smt Deepa Bhandari, Sup-9002266522	1. Smt. Ananta Chhetri, 1st ANM-9832655260	1. Sri Sarjan Rana-9593654817 2. Tularam Gurung-7585985889	1. Prakash Lama, A/A-9775139162	1. Sri Bijoy Kalikotay, BTM-8768894520

Rongo	Gracema Lepcha C.I.980052 4762	1. Sangeeta Lama,983239468 2. Shri Biswas Pariyar, P/S- 9475705107/760 2528247	1. Smt Ganga Sharma, Sup- 9003585332	1. Smt. Ranjan Gurung, 1st ANM- 947495149	1. Sri Sarjan Rana- 9593654817 2. Dilmaya Pakhrin- 8348734196	1. Santosh Subba, LDA- 8601983426	1. Sri Phubu Tshering Bhutia, ATM- 8116865898
Nim	Shri Ashesh Tamang - 843660756 1	1. Shri Subharaj Subba, Secy- 9932735279 2. Shri Sujan Rai, P/S- 9933547605	1. Smt Deepa Bhandari, Sup- 9002266522	1. Shri Damber Rai HA(F)- 740725716 4	1. Sri Sarjan Rana- 9593654817 2. P.D Bhutia- 9547566671	1. Sri Bilan Rai, LDA- 9593644960	1. Sri Sajjan Chhetri, ATM- 7076556013
Gorubathan-I	Smt. Anjani Gupta- 973307198 4	1. Shri Kamal Rana E/A- 9734924075 2. Shri Bhaskar Yonzon, P/S- 9475807059	1. Smt Deepa Bhandari, Sup- 9002266522	1. Smt. Radhika Rai- 811649463 6	1. Sri Sarjan Rana- 9593654817/ 2. K. Rana- 9733102289	1. Sri C.P Chhetri- 9679009518	1. Sri Bijoy Kalikotay, BTM- 8768894520
Dalim	Smt. Pema Lamu Bhutia- 943480941 5	1. Shri Yograj Subba,Sahayak- 9647712032 2. Dumpan Lepcha P/K - 8016325485	1. Smt Seema Das, Sup- 9434249255	1. Smt Renuka Rai, 1ST anm- 977581404 6	1. Sri Sarjan Rana- 9593654817 2. Binay Kr. Singh- 7407577773	1. Sri C.P Chhetri- 9679009518	1. Sri Bijoy Kalikotay, BTM- 8768894520
Ahalay	Shri Ashesh Tamang - 843660756 1	1. Shri Dip Prakash Gurung, EA- 8967197491 ,Pranab Ghosh, 9093500538, P/Sahayak	1. Smt Deepa Bhandari, Sup- 9002266522	1. Smt. Munna Lama,HA(F)- 967911067 0 2. Anjana Chhetri,95 63773136	1. Sri Sarjan Rana- 9593654817/ 2. G. Biswakarma- 8001753371	1. Sri Ramesh Chhetri, A/A- 9775819538	1. Sri Bijoy Kalikotay, BTM- 8768894520
Paten Godak	Gracema Lepcha C.I.980052 4762	1. Shri Suren Biswa, EA- 7585083416 2. Shri Gopal Tamang, P/K- 9475616132	1. Smt Aitamit Lepcha, Sup- 9002567449	1. Sri. John Lepcha,HA (M)- 947439033 6	1. Sri Sarjan Rana- 9593654817 2. B.Dewan- 9474085515 3. Satish Gupta- 9475513165	1. Shri Suman Chhetri,LD A- 9434679885	1. Sri Phubu Tshering Bhutia, ATM- 8116865898
Tode Tangta	Saral Gurung,85 97436710	1. Shri Sangay Tshering Bhutia, Secy- 9434377343 2. Smt Ambika Rasaily, P/S- 9475617072	1. Smt Aitamit Lepcha, Sup- 9002567449	1. Smt. Sangita Lama, 1st ANM- 943497006 4	1. Sri Sarjan Rana- 9593654817 2. Nanda & N Rai- 9475911773	1. Shri Suman Chhetri,LD A- 9434679885	1. Sri Phubu Tshering Bhutia, ATM- 8116865898

Annexure VIII

List of CD Volunteers

Sl.No.	Name of candidate	Date of Birth	Address	Contact No.
1	Pramisha Kafley	15.08.1994	U/Echhey, 13 th Mile, Kalimpong	7365835070
2	Anjala Lepcha	10.03.1996	Lungsel, Gorubathan	9083365528
3	Namrata Rai	07.10.1996	Gitdabbling, KPG II	8597740698
4	Abishek Rai	30.03.1998	9 th Mile, Kpg I	9800746176
5	Pemba Tshering Bhutia	20.02.1982	Primtam Road, Bong, Kpg I	9933023148
6	Siddhant Pradhan Newar	06.02.1992	Near Kanchan Hall, Kpg	8509264127
7	Norden Sherpa	10.10.1994	C.K.Chowk, Kpg	8116214501
8	Rahul Prasad	01.04.1992	Relli Road, Kpg I	811636340
9	Azad Ali	05.10.1990	Relli Road, Kpg I	9679236716
10	Shyam Kr.Thakur	29.09.1995	Relli Road, Kpg I	8942841544
11	Bipin Kr.Pradhan	15.01.1986	Birolo Kothi, 10 th Mile	9749706820
12	Bishal Biswakarma	24.10.1994	GCP Monsoong, Kpg-II	8768427270
13	Sujata Rai	27.03.1998	L/Gairigaon, Bong, Kpg-I	7797011021
14	Sujeeta Kr.Shah	20.01.1992	Relli Road, Kpg I	7001612473
15	Kapil Thapa	18.01.1996	Kharka Goan, Sangsey, Kpg-II	6297604821
16	Dip Tshering Tamang	16.05.1994	U/Pedong, Kpg-II	9933512654
17	Deonish Tirkey	29.12.1985	L/Fagu, Gorubathan	7908987483
18	Surendar Kawar	25.06.1997	L/Fagu, Gorubathan	9593662576
19	Nigma Lepcha	29.06.1982	U/Dungra, Kpg-I	8906113200
20	Bijoy Subba	10.06.1987	Pudung, Kpg-I	7585985902
21	Jai Prakash Subba	18.01.1980	Bhalukhop KPG	9800311585
22	Yowan Lepcha	10.05.1995	Bong Busty, Kpg-I	9064466305
23	Pranay Nawbag	15.03.1994	Ghumbahatta, W.No.V	7908533194
24	Aron Karthak	16.02.1991	Bong Busty	7908942539
25	Prakash Rai	07.02.1985	Shantinagar KPG	6295208603
26	Sujit Tamang	10.11.1998	Chotta Bhalukhop	8918920032
27	Diwas Mondal	20.07.1992	Thakurbari KPG.	9800494497
28	Nabin Chettri	02.07.1990	Chotta bhalukhop	9614112952
29	Rohit Prasad	16.10.1995	Relli Road, Kpg I	9641070567
30	Khemraj Neopanay	30.11.1993	Reshambari	7031203408
31	Shanti Rai	23.03.1981	Tarkhola, Rangpo, Kpg II	9547358305

32	Manish Kumar Sharma	23.11.1997	Relli Road, Kpg I	8670664129
33	Rabi Basore	24-09-1996	REALI ROAD	7031794643
34	Bikash Silal	02.06.1987	Shanti Nagar	8759844159
35	Sourav Giri	19-08-1995	13th Mile kpg	8906201668
36	Sachin Subba	14.04.1997	Munsong, Sangsey, Kpg-II	7407162543
37	Benoy Biswakarma	06.09.1989	Teesta, krishna Gram, Kpg-I	7029918427
38	RomiSundas	21.01.2002	ChottaBhalukhop, Kpg I	8967118351
39	Noorika Lepcha	22.04.2002	Nimbong KPG I	8172028909
40	Aishwarya Basnet	18.11.2000	Rousey Bazar, Kpg	9832410382
41	Shraya Subba	24.11.2001	L/Dungra, Kpg	8016357618
42	Neeha Chettri	06.05.2002	Pedong, Kpg II	7318728336
43	Mamuni Barman	13.08.1996	U/Gumbahatta, Kpg	9679724790
44	Sajan Mukhia	25.12.1993	Rambi Bazar, Kpg I	9002890478
45	Abisha Karki	13.04.2000	L/Bong Busty, Kpg I	7384231566

Annexure IX

IMPORTANT CONTACT NOS.OF KALIMPONG DISTRICT INCLUDING ARMED FORCES,NDRF

Sl. No.	Name	Designation	Tel. & Fax No.	Mobile No.	e-mail id
1.	Smt.R.Vimala I.A.S.	District Magistrate Kalimpong	03552256942, 03552255264	7602975946	dmkalimpong2017@gmail.com
2.	Shri Siyad N, I.A.S.	ADM(Gen), Kalimpong	-	9749231184	dmkalimpong2017@gmail.com
3.	Shri Abdul Rakib Sheikh, W.B.C.S. (Exe)	ADM(Dev), Kalimpong	-	9475140298	
3.	Smt.Priyadarshini S., I.A.S.	SDO, Kalimpong.	03552- 255264	9073936857	sdokalimpong@gmail.com
4.	Shri Gouri Sankar Bhattacharyya W.B.C.S. (Exe)	OC Disaster Management Section	03552- 256353	8777713255/ 9830530432	dmkalimpong2017@gmail.com
5.	Shri Prakash Mridha	D.D.M.O.	03552- 256353	9433482919/ 9123784375	dmskpg2017@gmail.com
6.	Shri T.D. Bhutia	S.D.D.M.O.	03552- 256353	9073936941/ 9932296883	dmskpg2017@gmail.com
7.	Smt.Sushma Gurung	H.C.	03552- 256353	9775884849	dmskpg2017@gmail.com
9	Disaster Management Control Room		03552-256353		dmskpg2017@gmail.com

OTHER IMPORTANT CONTACT NUMBERS

Sl No.	Name	Designation	Name of Office/Dept.	Contact No.
1	Sri Hari Krishna Pai, I.P.S.	Superintendent of Police, Kalimpong	Police	7719374550
2	Sri Rakesh Singh	Additional SP(Ops), Kalimpong	Police	8145100120
3	Sri Sudeep Bhattacharya	D.S.P., D.I.B.	Police	7719374553
4	Smt.Sarita Pariyar	D.S.P., D.E.B	Police	8967886911
5	Sri Avishek Boliar	D.S.P, HQ/Traffic	Police	8981221807
6	Sri Tapas Singh Roy	RTO, Kalimpong	Motor Vehicle	9475411931
7	Sri Biswajit Das	ARTO, Kalimpong	Motor Vehicle	96096 66883.
8	Dr.Prakash Kr.Borai	C.M.O.H., Kalimpong	Health	8240598103
9	Dr.Ankan Simlandi	Kalimpong District Hospital	Health	9647238868
10	Dr.S.B.Kundu	A.C.M.O.H, Kalimpong	Health	8250010176
11	Dr.Titas Roy	B.M.O.H, Pedong BPHC	Health	9874738842
12	Dr. R S Roy	BMOH, Jaldhaka	Health	9433849766
13	Dr. Subhasish Manna	BMOH, Gorubathan	Health	9851944955
14	Dr.Chandra Kr. Chhetri	BMOH Rambi	Health	9434212410/ 9641259770
15	M.K.Tamang	Station Officer W.B. Fire & Emergency Service, Kpg.	Fire & Emergency	9733473987
17	Kalimpong Fire Station	Fire Station Control Room	Fire & Emergency	03552255450/ 03552255101
18	Sri. Dibyendu Sekhar Das	Executive Officer,Kalimpong Municipality.	Municipality	9433955417
19	Dr. S.D Jimba	Health Officer Kalimpong Municipality.	Municipality	9434886668
20	Sri M Rumba	Assistant Engineer Kalimpong Municipality.	Municipality	8972030520
21		G.M. Telecom Siliguri	BSNL	03532537555/ 9434011010
22	Sri Sudhangshu Das	JTO, BSNL	BSNL	9475359545
23	Sri Banibrata Maitra	SDOT Kalimpong	BSNL	9434007333
24	Sri Dipak Kerketta	District Information & Cultural Officer Kalimpong	DICO	8116255247
25	Sri. A.Bhattacharya	Executive Engineer, PHE NeoraKhola Water Supply	PHE, Neora Khola	9474017870
26	Sri. Tika Subba	AE, PHE,Neora Khola	PHE, Neora Khola	9593274983
27	Er. Vaskar Tamang	Exe. Engr.PHE DIV II Kalimpong/GTA	PHE DD-II	9818593868

28	Er.Rajen Pradhan	Assistant Engineer,PHE Div-II Kpg.	PHE DD-II	9434065365
29	Er. Paras Dahal	Assistant engineer,PHE Div-II Kpg.	PHE DD-II	8967935456
30	ShriYogesh Pradhan	Executive Engineer, KED	KED	9800600611
31	K L Bhutia	Executive Engineer, PWD, Electrical	PWD (Electrical)	8145891013
32	Sri K.Vowal	Executive Engineer, PWD, Civil	PWD (Civil)	9434257733
33	Sri D.Y.Lama	Executive Engineer, Irrigation & Waterworks	Irrigation & Waterways	8927520037/ 9735059008
34	Smt.Angela Bhutia	Divisional Manager,Forest Dev. Corporation,Kalimpong.	Forest	9434871233
35	N.T. Bhutia	D.F.O. Kalimpong Forest Division	Forest	9434873536/ 7908529644
36	Sri Rinchen Sherpa	DCFS , Kalimpong	Food & Supply	9434401776
37	Smt.Piya Sardar	SCF&S, Kalimpong	Food & Supply	7031829529
38	Sri Subodh Chettri	Executive Engineer of NH-10	NH-10	9434247995
39	Sri Uttam Pradhan	Asst.Engineer, NH-10	NH-10	9434174666
40	Sri A.K.Grover	Chief Engineer,NHPC TLD-III	TLDP-III	9816502002
41	Sri Sasadhar Das	Gr. Manager, NHPC TLD-III	TLDP-III	9717133811
42		Control Room-NHPC TLD-III	TLDP-III	9933355187/ 9933355186
43	Sri Phurden Sherpa	Div. Manager,WBSEDCL	Electricity	7449301260/ 8967843606
44	Sir Biswajit Dutta	AE(Tech), Kalimpong Div.	Electricity	7449301264
45		Station Manager, Kalimpong	Electricity	7449301261
46		Station Manager, Teesta	Electricity	7872406584
47		Station Manager, Pedong	Electricity	7449301275
48		Station Manager, Sinjee	Electricity	9563643857
49	Sri Debapriya Purkait	Assistant Geologist, SWID	Water	9432865814
50	Sri Dulal Sarkar	DI of Schools, Primary	Pry Education	8107022727
51	Sri Deepanjan Naskar	BDO Kalimpong-I	Kpg-I Block	7797378654
52	Smt.Subarna Majumdar	BDO Kalimpong-II	Kpg-II Block	7797378655
53	Sri Biswaranjan Chakraborty	BDO-Gorubathan	Gorubathan Block	7551088808
54	Sri A.Bhattacharya	IC, Kalimpong	Police	7001633658
55	Sri Prajwal R.J.Pradhan	OC, Gorubathan	Police	9733123332
56	Sri Nilan Sanjeev Kujur	OC, Jaldhaka	Police	9564805283
57	Smt.Kaberi Subba	BDMO, Kalimpong-I	Kpg-I Block	9733031588

58	Sri Lhawang Dukpa	BDMO, Kalimpong-II	Kpg-II Block	9733086584
59	Smt.Pema Bhutia	BDMO in Charge, Gorubathan	Gorubathan Block	9800524762
60	Sri Sonam Tsewang	ADA Fisheries, Kalimpong	Fisheries	8116752619

Contact No. of Army, NDRF, CISF, SSB, GREF

Sl.No	Name or Designation	Department	Contact No.	Email
1	Col.Manish Kumar	27 Mtn Div, Durpin, Kalimpong	9461406237	Manish95code@gmail.com
2	Maj.J.P.Singh	-do-	7720879904	
3	Deputy Commandant, NDRF	B Coy, 2 nd Btn, Matigara	8017166655	
4	Asstt. Commandant	CISF, NHPC- TLDP III/IV	8016880889	
5	Inspector	CISF, NHPC- TLDP III/IV	9674114716	
6	Inspector	CISF, NHPC- TLDP III/IV	8170019520	
7	a)Commandant b)Control Room	46 Btn, SSB, Malbazar	a)9434756339 b)9775442746	a) comdt.46bn@ssb.gov.in b) ctrl.46bn@ssb.gov.in
8	Lt.Col Deepak K.	764 BRO	9435504362	
9	Maj.Manumay Bisht	OC Sector, Lava	8555851530	
10	Sri Sushil Kumar	AEE(Civil) 764 BRTF, Happy Villa	9436871964	
11	Sri Roshan Kumar	AEE(Civil), Dalim & Phaperkheta	9006088317	
12	Sri V.N.Choudary	AE(Civ), Melli	8257881763	

Kalimpong I Block

Sl.No	Name or Designation	Department	Contact No.	Email
1	BDO, Kpg I	Block Development Office, Kalimpong-I	7797378654 03552-256750	kalimpong1bdo@gmail.com
2	Joint BDO, Kpg I	- Do -	7602494212/ 9434688899	
3	BDMO, Kpg I	- Do -	8327268074	findcauvery@yahoo.com

4	O/c, Kpg Police Station	P.S.Kalimpong	03552-255268/ 03552-255100	
5	BMOH, Kpg I	B.P.H.C,Rambi	9434212410/ 9641259770	
6	ADA, Kpg I	Agriculture Office, Kalimpong-I	03552255529	
7	BLDO, Kpg I	Seed Farm, Dungra	9832332715	
8	AE, WBSEDCL	Power House,10 th Mile	255855,255420	
9	JTO, Kpg	Thana Dara, Kalimpong.	255202, 9475359545	
10	Range Officer	Kalimpong Forest Division	255780, 255783	
11	Inspector(Food & Supply), Kpg I	Food & Supply Office, Kalimpong	255285 (0), 9832315931	
12	LPG Distributor,Kpg	Rinchen Gas, Main Road	255492	
13	Petrol Pump,Kpg I	Tashi Delek Service,8 ^{1/2} Mile	9434106749	
14	Some selected NGOs	i)Hill Social Welfare society ii)Red Cross Society iii)World Vision iv)Save the hills	Kalimpong Hill Top Road, Kalimpong Gumba Hatta	9333135795 9733006300 9832093745

Kalimpong II

Sl.No	Name or Designation	Department	Contact No.	Email
1	BDO, Kpg II	BDO Office,Algarah,P.O. Algarah	7797378655	bdoalgarah@yahoo.com
2	Joint BDO, Kpg II	- Do -	03552- 280222, 9614704935	
3	Joint BDO, Kpg II	- Do -	9932926217	
4	BDMO	- Do -	9733086584	
5	1)O/C,Police Post, Algarah 2)O/C Police Post, Pedong 3)O/C Police Post, Ramphu	Algarah Bazaar Pedong Rangpoo	6294034515 9733096342 7001237878	

6	BMOH	BPHC Pedong,P.O.Pedong	9434196783	bmoh_pedong@wbhealth.gov.in
7	MO Algarah	Algarah	9126978652	
8	MO Pedong	Pedong	7602208860	
9	MO Gitdabling	Gitdabling	9932006266	
10	MO Munsong	Munsong	7044572001	
11	ADA, Kpg II	Office of the ADA,P.O.Algarah	9832654214	
12	BLDO, Kpg II	Office of the BLDO	9775964597	
13	Asst. Engineer, WBSEDCL SM (area in charge),WBSEDCL	Kalimpong Algarah	9434213343 9635237749	
14	Telephone	Algarah Exchange	9002791577	
15	Range Manager GRM Forest Incharge	Pankhasari Range Office, P.O.Algarah	9734017408 8972287740 9733061416	
16	Inspector(Food & Supply)	East Main Road,Kalimpong	9800063788	
17	LPG Distributor	Campaign Ground, P.O.Pedong	9832239661	
18	1)Animator,Anugyal aya, Lava- Gitkolbong 2) Animator,Anugyalay a, Gitdabling 3) President,Ekta Pariyar, Kharkagaon	Gitkolbong,P.O.Lava Gitdabling Kharkagaon,P.O.Alg arah	9933982855 9933474914	sudeepjerome@gmail.com anugyalaya@gmail.com

Gorubathan

Sl.No	Name or Designation	Department	Contact No.	Email
1	B.D.O	BDO Office Gorubathan	75510888 08, 03552222 008	bdogorubathan@gmail.com
2	Joint B.D.O	- Do -	7551042508	
3	B.D.M.O-in-charge	- Do -	9800524762	
4	Team Leader,QRT:	- Do -	9800524762	

5	O/C, Police Station, Gbn	Gorubathan	8116424644	
6	O/C, Police Station, Jaldhaka	Jaldhaka	9083270423, 9475820353	
7	B.M.O.H	Gorubathan	9851944955	
8	B.M.O.H	Jaldhaka	8145931264	
9	B.L&LRO	Gorubathan	9748216779	
10	ADA, Gorubathan	Agriculture	8759154165	adagbn@gmail.com
11	CDPO	ICDS	9474393923	
12	BLDO	ARD	9434474505	
13	SM & AE	WBSEDCL, Odlabari	7449301320	
14	J.T.O.	Telephone Exchange, Malbusty	9475392060	sdekpg@gmail.com
15	Range Officer Neora	Gorubathan	8348100836	
16	Inspector (Food & Supply)	Gorubathan	9434366863	
17	LPG Distributor	Malbazar	9434340042	
18	LPG Distributor	Gorubathan	8016456919	
19	Petrol Pump	Malbazar	03562255074	
20	1.Anugyalaya 2. Himalayan Media Welfare Society	Gorubathan	9800039420, 9775276773	

Contact Nos. of Councillors, Kalimpong Municipality

NAME	WARD NO.	DESIGNATION	CONTACT NO.
Shri Ravi Pradhan	III	Chairman	8250431268
Shri Bhim Agarwal	IX	Vice-Chairman	8016188996
Shri Kunal Pradhan	I	Councillor	8972220526
Smt.Tshering Yangzo Bhutia	II	Councillor	9933533344
Shri GOC Phipon	IV	Councillor	9800012159
Smt.Dhan Laxmi Tamang	V	Councillor	9002002359
Smt.Nirupa Baraily	VI	Councillor	7908128100
Smt.Bimla Chhetri	VII	Councillor	9679457629
Shri Sonam Tsewang Bhutia	VIII	Councillor	7076769180

Shri Suva Pradhan	X	Councillor	9832371411
Smt.Babita Chourasia	XI	Councillor	9932373229
Shri Asif Ahmed	XII	Councillor	9547941686
Shri Nimesh Lama	XIII	Councillor	8016967883
Shri Edward Lepcha	XIV	Councillor in charge	9475394836
Smt. Ratna Pakhrin	XV	Councillor	8436711887
Shri Indra Bdr Gazmer	XVII	Councillor	8145864226
Smt.Munna Lama	XVIII	Councillor	9002791316
Smt.Suryasri Ghimiray	XIX	Councillor	8759197587
Shri Sonam Palden Bhutia	XX	Councillor	7602917576
Shri Pasang Tshering Sherpa	XXI	Councillor	9002210450
Shri Phup Tshering Tamang	XXII	Councillor in charge	7699156080
Ms.Lamu Tshering Bhutia	XXIII	Councillor	9932660123

Annexure X

LIST OF FLOOD SHELTERS/ RELIEF GODOWNS UNDER KALIMPONG DISTRICT :

Name of the Block	Flood Shelters	Godowns	Year of Construction	Coordinates
Dist. HQ	Nil	1	1999	DM office premises Lat : 27.0637 Long: 88.4669
Kalimpong I	Nil	1	2000	Office premises Lat : 27.0649 Long: 88.4699
Kalimpong II	Nil	1	2000	Office premises Lat : 27.1173 Long: 88.5860
Gorubathan	Nil	1	2013	Office premises Lat : 26.9557 Long: 88.6979

ANNEXURE XI

(Vide memo no. 219/DMCD Dated- 4.02.2020)

1. Details of major disaster faced by the district and its financial losses incurred in the last financial year :

- Total **Landslide** due to heavy rain in this year : **143**
- Road & Culvert damaged : **37** Amount of Loss : Rs. 217.00 lakh (approx.)
- Other Infrastructure damaged : **07** Amount of Loss : Rs. 13.78 lakh (approx.)
- House damaged – Fully : **27** Amount of Loss : Rs. 36.90 lakh (approx.)
Partly : **82** Amount of Loss : Rs. 56.55 lakh (approx.)

Total amount Rs. 324.23 lakh

Date	Sl No.	Block	House damaged (F)	House damaged (P)	Other damaged (loss in Rs.)	People affected	No. of people injured	No. of Death	Approx. Loss in Rs.
9.7.19	01	KPG-I	02	01	--	05	--	--	--
	02	KPG-I	01	01	--	05	--	--	--
	03	KPG-II	01	01	--	05	--	--	1.90 lakh
10.7.19	04	KPG-I	02	01	--	05	--	--	--
	05	KPG-I	--	01	--	06	--	--	--
	06	KPG-I	--	01	--	05	--	--	--
	07	KPG-I	--	01	--	05	--	--	--
	08	KPG-I	02	01	--	04	--	--	--
	09	KPG-II	01	01	--	10	--	--	--
	10	KPG-II	--	01	--	05	--	--	--
	11	KPG-II	--	--	ICDS roof Damaged	--	--	--	--
	12	KPG-II	--	--	Road Blocked	--	--	--	--
	13	KPG-I	--	--	Road Damaged	--	--	--	--
	14	KPG-I	--	--	Road Damaged	--	--	--	23.58 lakh
11.07.19	15	KPG-I	--	01	--	05	--	--	--
	16	KPG-I	--	01	--	06	--	--	--
	17	KPG-I	--	01	--	05	--	--	--
	18	KPG-I	--	01	--	05	--	--	--
	19	KPG-I	--	01	Damaged of Foreground of a house	04	--	--	--

	20	KPG-I	--	01	Damaged of verandah	08	--	--	--
	21	KPG-I	--	--	Damaged of Foregroung of a house	05	--	--	--
	22	KPG-I	--	--	Damaged of Foreground of a house	06	--	--	--
	23	KPG-I	--	--	Damaged of Foreground of a house	05	--	--	--
	24	KPG-II	--	--	Road blocked	65	--	--	--
	25	KPG-I	--	--	NH31 Damaged at different points	43	--	--	--
	26	KPG-I	--	--	Damaged of background of a house	07	--	--	--
	27	KPG-II	--	--	Road damaged	850	--	--	--
	28	KPG-II	--	--	Road blocked	350	--	--	10.00 lakh
	29	MUNI	02	--	--	08	--	--	--
	30	MUNI	--	01	--	02	--	--	--
	31	MUNI	01	--	--	08	--	--	--
	32	MUNI	--	--	Protection wall damaged	02	--	--	37.40 lakh
12.07.19	33	GBTN	--	--	Road Blocked	10	--	--	--
	34	KPG-I	--	--	Side wall of house damaged	06	--	--	--
	35	KPG-II	--	--	Side wall of house damaged	06	--	--	--
	36	KPG-I	01	--	--	05	--	--	--
	37	KPG-I	--	--	Landslide near SSK	--	--	--	--
	38	GBTN	--	--	Road Block	08	--	--	--
	39	GBTN	--	--	Road damaged	720	--	--	12.00 lakh
	40	GBTN	--	--	Road Damaged	07	--	--	--
	41	GBTN	--	--	Road damaged	02	--	--	15.00 lakh
	42	GBTN	--	--	Road Blocked	02	--	--	--
	43	GBTN	--	--	Road Damaged	150	--	--	13.00 lakh
	44	GBTN	--	--	Road Damaged	265	--	--	15.00 lakh

	45	GBTN	--	01	--	05	--	--	--
	46	KPG-I	--	--	Landslide at the back of Sewa sngh pry. school	--	--	--	--
	47	KPG-I	--	--	Landslide near a house	05	--	--	--
	48	KPG-I	--	--	Footpath damaged	--	--	--	--
	49	KPG-I	--	--	Road Blocked	--	--	--	--
	50	KPG-I	--	--	Road Blocked	--	--	--	--
	51	KPG-II	--	--	Side wall of house damaged	06	--	--	--
	52	KPG-II	--	--	Side wall of house damaged	05	--	--	--
	53	KPG-II	--	--	Back wall of house damaged	06	--	----	--
	54	KPG-II	--	--	Landslide in front of the house	06	--	--	--
	55	KPG-II	--	--	Landslide below the	05	--	--	--
	56	KPG-II	--	--	Side wall of the house damaged	05	--	--	--
	57	KPG-II	--	--	Landslide near the house	06	--	--	--
	58	KPG-II	--	--	Side wall of the house damaged	06	--	--	--
	59	KPG-II	--	--	Landslide before the community Hall	01	--	--	12.00 lakh
	60	KPG-I	--	01	--	05	--	--	--
	61	KPG-I	--	01	--	07	--	--	--
	62	KPG-I	--	01	--	06	--	--	11.45 lakh
13.07.19	63	GBTN	--	--	Side wall of bridge damaged	500	--	--	--
	64	GBTN	--	--	Side wall of pry. School damaged	100	--	--	--
	65	KPG-II	--	--	Landslide before a house	05	--	--	--
	66	KPG-II	--	--	Landslide before a house	05	--	--	--
	67	KPG-II	--	--	Landslide before the house	05	--	--	--
	68	KPG-II	--	--	Landslide above St. Joshep Church	05	--	--	--

	69	KPG-II	--	--	Road Blocked at 9 th Mile	05	--	--	--
	70	KPG-II	--	--	Landslide at Bojeney Jhora	--	--	--	--
	71	KPG-II	--	--	Landslide below the house	03	--	--	--
	72	KPG-II	--	--	Landslide below a house	04	--	--	--
	73	KPG-II	--	--	Landslide before a house	05	--	--	--
	74	KPG-II	--	--	Landslide before a house	04	--	--	--
	75	KPG-II	--	--	Landslide before a house	04	--	--	--
	76	KPG-I	--	01	--	05	--	--	--
	77	KPG-I	--	01	--	05	--	--	--
	78	KPG-I	--	01	--	05	--	--	--
	79	KPG-I	--	01	--	05	--	--	--
	80	KPG-I	--	--	Landslide near the house	05	--	--	--
	81	KPG-I	--	--	Landslide near a house	06	--	--	--
	82	KPG-I	--	--	Landslide near a house	06	--	--	--
	83	KPG-I	--	--	Landslip near the house	06	--	--	--
	84	KPG-I	--	--	Landslip near a house	07	--	--	--
	85	KPG-I	--	--	Road damaged	--	--	--	--
	86	KPG-I	--	--	Road damaged	--	--	--	--
14.07.19	87	KPG-I	--	02	--	05	--	--	--
	88	KPG-I	--	02	--	03	--	--	--
	89	KPG-I	--	03	Landslip below 12 th Mile	06	--	--	--
	90	KPG-I	--	03	Landslip near a house	04	--	--	--
	91	KPG-I	--	03	Landslip near a house	05	--	--	--
	92	KPG-I	--	03	Landslip near a house	04	--	--	--
	93	KPG-I	--	--	Road Damaged	23	--	--	--
	94	KPG-I	--	--	Road Damaged	--	--	--	13.00 lakh

	95	KPG-II	02	02	--	05	--	--	--
	96	KPG-II	01	03	--	05	--	--	--
	97	GBTN	--	--	PMGSY road blocked	557	--	--	12.00 lakh
15.07.19	98	KPG-I	--	--	--	05	--	--	--
	99	KPG-I	--	--	Landslip near a house	05	--	--	
	100	KPG-I	--	--	Road Damaged	--	--	--	--
	101	KPG-II	--	--	--	05	--	--	--
	102	GBTN	01	--	--	05	--	--	--
	103	GBTN	--	01	--	05	--	--	--
	104	GBTN	--	01	--	05	--	--	--
	105	GBTN	--	01	--	06	--	--	--
	106	MUNI	--	--	--	03	--	--	--
	107	MUNI	--	01	--	04	--	--	--
	108	KPG-I	--	01	--	05	--	--	--
	109	KPG-I	--	--	Landslip near a house	05	--	--	--
	110	KPG-I	--	--	Road damaged	560	--	--	12.9 lakh
16.07.19		KPG-I	02	01					
17.07.19	111	GBTN	03	01	--	10	--	--	--
	112	GBTN	--	01	--	03	--	--	--
18.07.19	113	MUNI	--	01	--	04	--	--	--
22.07.19	114	GBTN	--	--	Road damaged	119	--	--	--
	115	MUNI	--	02	--	08	--	--	24.00 lakh
23.07.19	116	KPG-II	01	04	--	04	--	--	9.20 lakh
24.07.19	117	KPG-I	--	--	Road Damaged	200	--	--	0.20 lakh
25.07.19		KPG-I		09					
28.07.19	118	KPG-I	--	01	--	05	--	--	0.20 lakh
29.07.19	119	KPG-II	--	01	--	04	--	--	0.10 lakh
31.07.19	120	KPG-I	--	--	Landslip near the house	11	--	--	0.40 lakh
01.08.19		KPG Muni		02					
07.08.19	121	KPG-I	--	--	Landslip near the house	06	--	--	--
	122	KPG-I	--	--	Landslip near the house	05	--	--	--
	123	KPG-I	--	--	Culvert damaged near the centre	11	--	--	--

	124	KPG-I	--	--	Road blocked	NA	--	--	--
	125	KPG-II	--	--	RIDF road partly damaged	NA	--	--	--
	126	Kpg Muni	--	01	--	05	--	--	--
	127	Kpg Muni	01	--	--	04	--	--	--
	--	KPG-I	--	--	--	--	01	--	11.20 lakh
08.08.19	--	KPG-II	--	01	--	--	02	01	4.90 lakh
09.08.19		KPG Muni		01					
13.08.19		KPG-I		01					
14.08.19	128	KPG-I	--	--	NH10 Blocked	NA	--	--	1.00 lakh
16.08.19		KPG-I		02					
19.08.19	129	KPG-I	--	--	Road blocked	60	--	--	0.30 lakh
22.08.19	130	KPG-II	--	--	Road damaged	NA	--	--	40.00 lakh
24.08.19	131	KPG-I	--	--	Jeepable road damaged	150	--	--	
	132	KPG-II	--	--	Jeepable road damaged	--	--	--	10.00 lakh
25.08.19	133	KPG-I	--	01	--	05	--	--	--
	134	KPG-I	--	--	Jeepable road damaged	145	--	--	1.20 lakh
26.08.19		KPG-I		01					
04.09.19	135	KPG-I	--	--	Landslide near the house	05	--	--	0.20 lakh
13.09.19	136	KPG-I	01	--		05	--	--	
		KPG-I	--	--	Road blocked due to debris flow	195 approx	--	--	1.50 lakh
15.09.09	137	GBTN	--	--	Road Damaged	350 approx	--	--	9.00 lakh
17.09.19	138	KPG-II	--	--	Landslide below a house	04	--	--	
		KPG-II	--	--	Landslide below a house	03	--	--	1.30 lakh
18.09.19	139	KPG-II	01	--	--	04	--	--	1.20 lakh
21.09.19	140	KPG-I	--	--	Road blocked due to landslide	200 approx	--	--	0.50 lakh
25.09.19	141	KPG-I	--	--	Road blocked due to landslide	100 approx	--	--	10.00 lakh

26.09.19	142	KPG-I	--	--	Road damaged due to landslide	08 approx	--	--	8.00 lakh
30.09.19	143	KPG-II	01	--	--	05			0.60 lakh
			27	82	230.78	6257	03	01	324.23 lakh

Details of Landslide & other Natural Calamity- 2019, District – Kalimpong

2. Plan of Mock Drill and Training with financial estimate :

Mock Drill :

Sl. No.	Name of Mock Drill	Time	Place	Amount
01.	Landslide	November,20	Kalimpong-I Block	Rs. 1.00 lakh
02.	Earthquake	December, 20	Kalimpong-II Block	Rs. 1.00 lakh
03.	Flood & Cyclone	February,21	Gorubathan Block	Rs. 1.00 lakh
			Total	Rs. 3.00 lakh

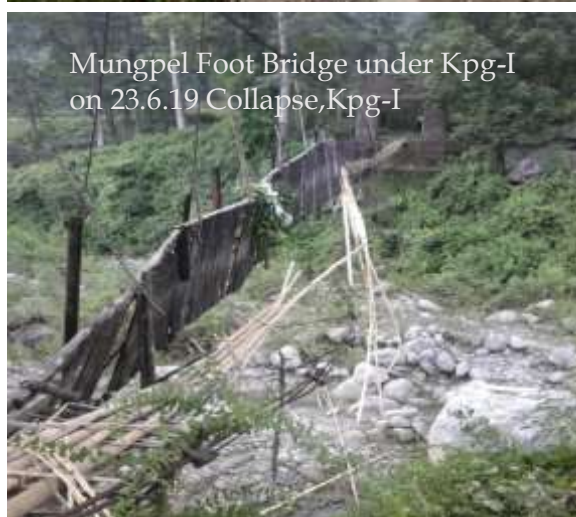
Training :

Sl. No.	Topic	Time	Period	Amount
01.	Disaster Management on Earthquake & Landslide	November, 20	2(two) days, Residential	Rs. 60,000/-
02.	School Safety & Disaster Management	December, 20	2(two) days, Residential	Rs. 60,000/-
03.	Climate Change & Disaster Management	January, 21	2(two) days, Residential	Rs. 60,000/-
04.	Community Based Disaster Management preparedness & planning	February, 21	2(two) days, Residential	Rs. 60,000/-
05.	Flood & Cyclone Risk Management & Mitigation	March, 21	2(two) days, Residential	Rs. 60,000/-
06.	Foundation Course of Civil Defence Volunteers	November, 20	5(five) days, Residential	Rs.1,00,000/-
07.	Foundation Course of Civil Defence Volunteers	December, 20	5(five) days, Residential	Rs.1,00,000/-
08.	Foundation Course of Civil Defence Volunteers	January, 21	5(five) days, Residential	Rs.1,00,000/-
09.	Foundation Course of Civil Defence Volunteers	February, 21	5(five) days, Residential	Rs.1,00,000/-
			Total	Rs. 7,00,000/-

3. Plan for procurement of machinery/instruments for the next year :

Sl no.	Name of Item	Quantity	Cost (approx.)
01.	Chain Saw (wood cutter) (24")	8 nos.	Rs. 8.00 lskh
02.	Chain Saw (Slub cutter) (16")	8 nos.	Rs. 16.00 lakh
03.	Portable inflatable Emergency lighting System	4 nos.	Rs. 10.00 lakh
04.	Steel Ladder (20 feet)	4 nos.	Rs. 1.00 lakh
05.	Driving suit	2 nos.	Rs. 0.30 lakh
06.	Under water BA set	2 nos.	Rs. 2.00 lakh
07.	Hydraulic Spreader/Cutter	4 Nos.	Rs. 1.00 lakh
08.	Computer Set	2 nos.	Rs. 1.20 lakh
09.	Rechargeable Search light	8 nos.	Rs. 0.80 lakh
		Total	Rs. 40.30 lakh

Photos Gallery



Mungpel Foot Bridge under Kpg-I
on 23.6.19 Collapse,Kpg-I



Mungpel Foot bridge collapse
victims under Kpg-I



Fatal vehicle accident
near Likuveer,NH10



DEOC/Control Room 24
x 7 days



Landslide mock exercise
at Nimbong on 15.11.19

Landslide mock exercise on
landslide on 15.11.19



Earthquake mock
exercise on
28.02.19



Earthquake mock
exercise on 28.02.19



Earthquake mock exercise on 28.02.19



Disaster Awareness programme at WBSETCL on 27.11.19



Community awareness programme at Kagay, Kpg-II



Hospital safety programme at Kalimpong Dist. Hospital on 11.02.20



2 Days residential training on School safety, etc to GP staff on 18 & 19.02.20



District level Monsoon preparedness meeting held on 20.02.20

END