

GOVERNMENT OF ASSAM
District Disaster Management Authority,
Karbi-Anglong, Diphu

District Disaster Management Plan
Karbi-Anglong
2022-23

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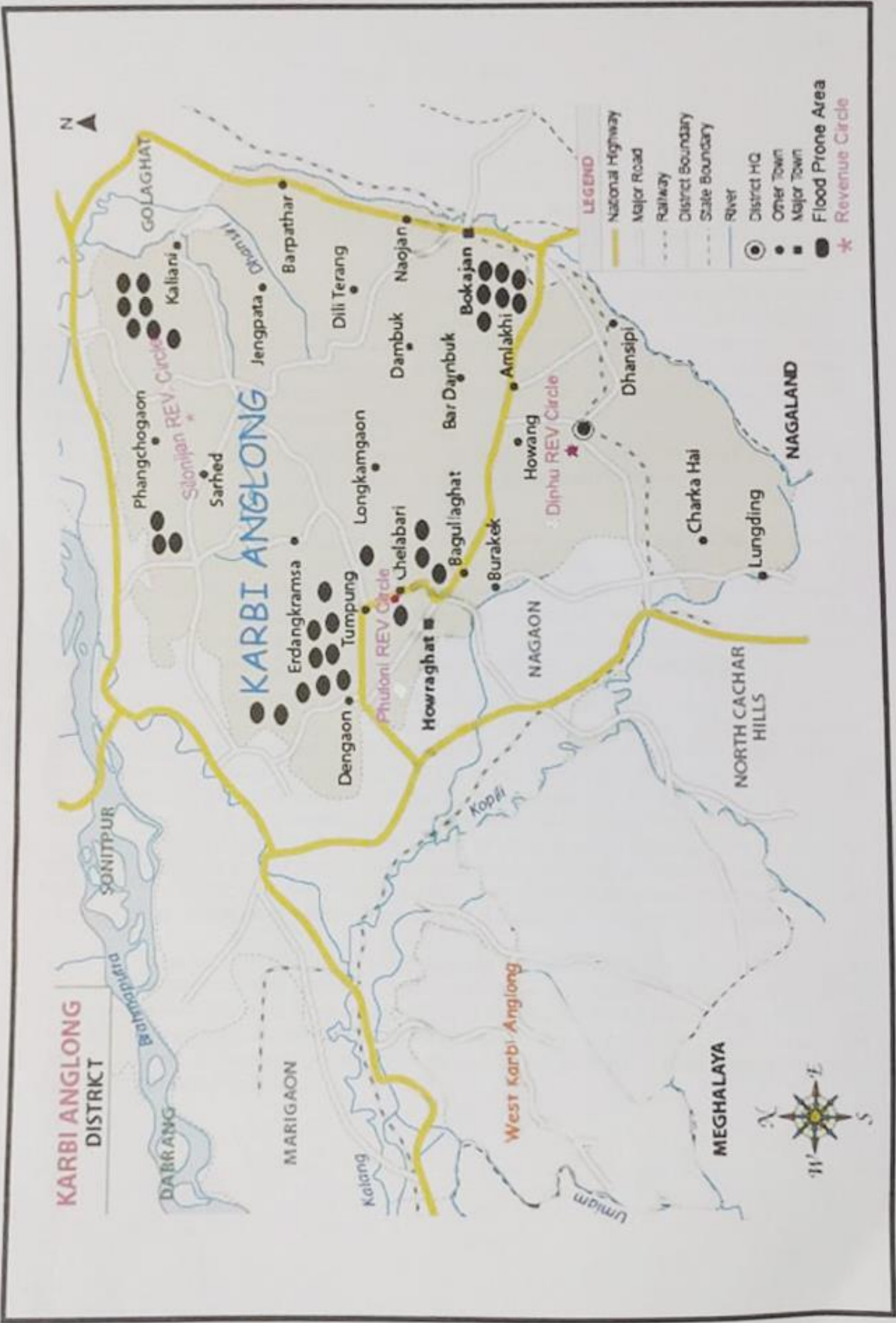
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Chapter-1 **Introduction**

1.1 Background:

The occurrence of natural disasters is a global phenomenon. The North East of India is highly vulnerable to most of the natural calamities due to its geographical position. Concern about frequent disasters is becoming increasingly relevant as increase in population density, population shifts, depletion of natural environment and increasing technology make it likely that we will encounter disasters more frequently and that they will be more severe. Due to prevalence of COVID-19 pandemic and to tackle flood season DDMA Karbi Anglong has selected additional relief camps in each revenue circle so that social distancing can be maintained by the inmates.

Karbi Anglong district is situated in the central part of Assam and is one of the hill districts of the state. It is bounded by Golaghat district in the east, Hojai District in the west, Nagaon district on the north and Nagaland State in the south. The district enjoys autonomy under the provision of Sixth schedule to the Indian constitution. Flood, Storm, Lightning is a regular phenomenon in the district and falls under Earthquake zone V. The district headquarters Diphu faced first flash flood in 2016 and then in 2018, 2019 and 2020 due to overflow of water from River Dhansiri to Diphu River that flows through the Diphu town. Elephant human conflict is another issue that District face occasionally.

The district of Karbi Anglong presently has three sub-divisions namely Diphu, Howraghat and Bokajan and the three Revenue Circle Under Diphu Subdivision – Diphu Revenue Circle, Howraghat Subdivision-Phuloni Revenue Circle, Bokajan Subdivision- Silonijan Revenue Circle.

The Phuloni Revenue Circle is located 70km away from district headquarters and its total geographical area is 3157 sq.km, falls under Howraghat subdivision. The revenue circle is bounded by Nagaon district in the north-west, Hojai District in south and Diphu and Silonijan in the east. There are 299 revenue villages and total population is 279,848 as per 2011 census and total literacy rate of Phuloni Revenue Circle is 69.96%. There are 10 mouzas, 6 police stations, 4 Development Blocks in the Revenue Circle. The main rivers that flow in the region that cause floods are Swargathi, Dikharu, Horinapar and Jamuna.

The Silonijan Revenue Circle is located in the heart of Karbi Anglong with Golaghat district as one of its boundaries. The Circle is connected by National Highway 39. The rivers that flow through revenue circle are Kalyani River, Deihori River, Nambor River, Dhansiri River, Deopani River, Khanari River, Daigrung River, Bornewria River, Choshentongri River, Bordhing River, Kohora River, Difullu River, Rangsali River, Deithor River. There are many streams and waterfalls under Silonijan revenue circle but the flood scenario is not that severe. In the year 1997 Jongpha village experienced severe hailstorm and in 2016, due to cloudburst, the Naga Rengma Mouza experienced one of the worst floods in 25 years which resulted damage to huge amount of paddy field and killing many heads of live stock. On October 2019 due to heavy rain in the hills there was sudden flood in many villages under Silonijan Rev. Circle.

The Diphu Revenue Circle is bounded by the state of Nagaland, Golaghat District, Hojai District, Phuloni Rev. Circle, Silonijan Rev. Circle and Dima Hasao District. The area is highly prone to earthquake, seasonal flood and storm. Though the area is not prone to severe floods, it has a history of flash floods affecting the low lying areas of Diphu town due to Diphu River, Dharamnalla which flows through the town. The rivers like Dhansiri, Jamuna and several other rivers and streams flow through the Circle which causes floods in some areas of Neperpetty, Dhansiri, Morakordoiguri and Matipung.

1.2 Importance of multi hazard management plan:

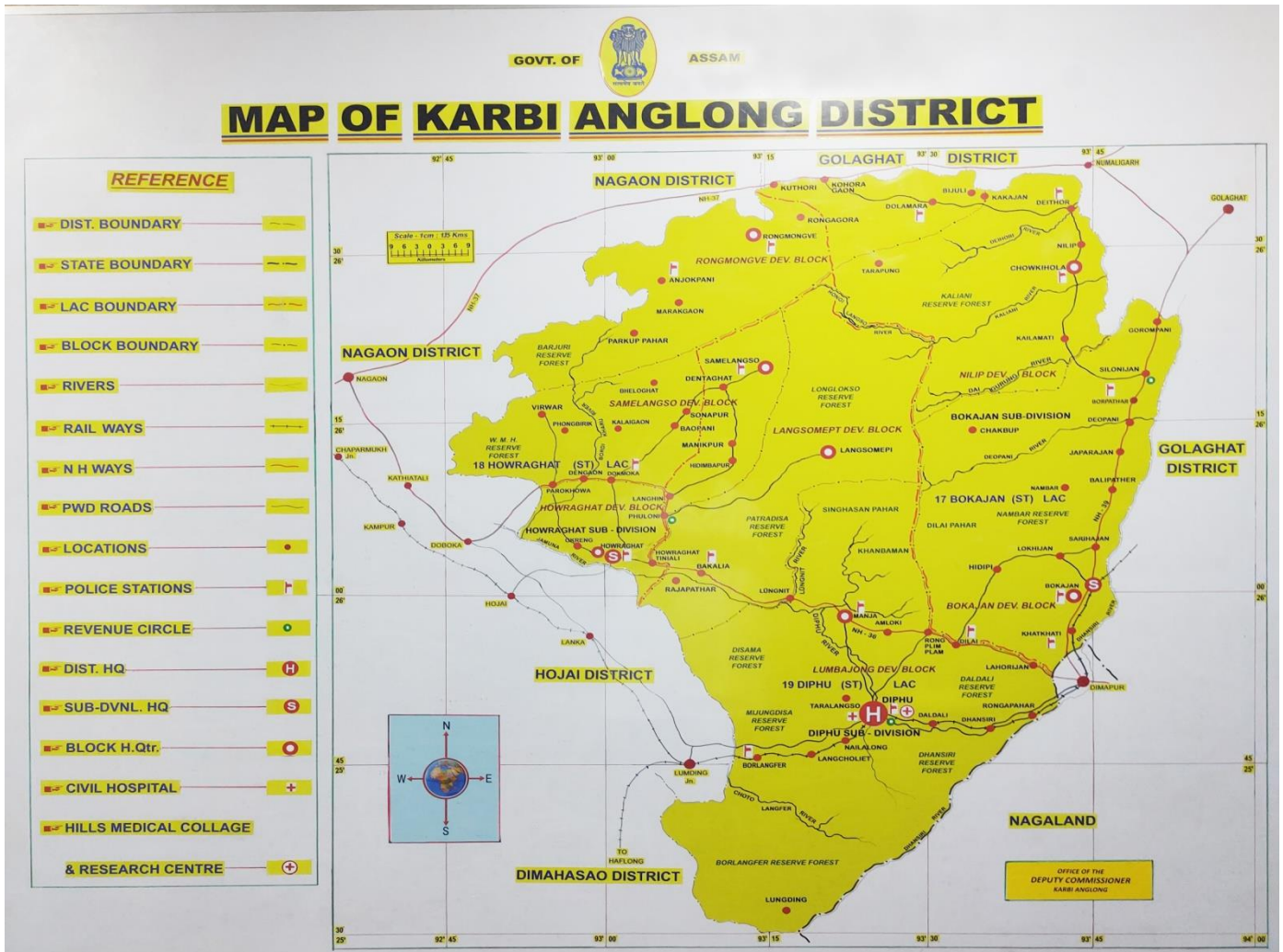
Karbi-Anglong is a multi hazard district and it is vulnerable to hazards like earthquake, flash flood, landslide, Cyclone including manmade disasters like road accidents, ethnic clashes etc. The weak geology, difficult terrain and arduous communication has made the district more vulnerable to hazards. So the district plan has been designed as per the present need and the major strategies towards preparedness, mitigation, response, rehabilitation and development to any disaster. In the multi-hazard district plan, all the disasters will be handled properly following the given response mechanism like Standard Operating Procedures (SOP), use of resource inventory, keeping coordination with the line agencies and proper community based awareness activities. SOP of line departments is designed to make them alert. It highlights their role and responsibilities during, after and normal time of the disaster.

1.3 Objectives of the plan:

The objectives behind the preparation of the District Disaster Management Plan is -

- ❑ To mitigate impact of natural and man-made disasters through preparedness at District, Block and Village level.
- ❑ The District Disaster Management Plan (DDMP) helps to bring together the information related to equipments, skilled manpower and critical supplies available in the district.
- ❑ It helps to know the standard operating procedures of various departments at the time of disaster. The role and responsibility of each and every line department as well as the officers can be detected at the time of disaster.
- ❑ It helps the district administration to assess its own capacity in terms of available resources and get ready to mitigate any unexpected disaster effectively and to prevent the loss of human lives and property through preparedness, prevention & mitigation of disasters.
- ❑ To assist the line departments, block administration, communities in developing compatible skills for disaster preparedness and management.
- ❑ To disseminate factual information in a timely, accurate and tactful manner while maintaining necessary confidentiality.
- ❑ To develop immediate and long-term support plans for vulnerable people in/during disasters.
- ❑ To have response system in place to face any eventuality.

- District Map: Karbi Anglong



Chapter-2 **District Profile**

2.1 Location and Boundary:-

The united Mikir and North Cachar Hills was formally created on 17th November 1951 with parts of the district of Sivsagar (Now Golaghat), Nagaon, Cachar and United Khasi and Jaintia Hills district and present Meghalaya for all round development of the tribal folk of central Assam. This was followed by bifurcation of the erstwhile district of United Mikir and North Cachar Hills district into two separate districts under the banner of Mikir Hills and North Cachar Hills district in the year 1970. The Mikir Hills district was again rechristened as Karbi Anglong district w.e.f. 14th October 1976. Thus Karbi Anglong came into being a fully fledged separate district in the map of Assam with its head-quarter at Diphu. Again in the year 2016 the Karbi Anglong District was bifurcated into Karbi Anglong and West Karbi Anglong District and Diphu & Hamren as District headquarter respectively. The Karbi Anglong District enjoys autonomy under the provision of Sixth schedule of the Indian constitution.

2.2 Area and Administrative division:-

The population of Karbi Anglong is predominantly tribal. The major tribal ethnic of this district are Karbis, Kukis, Bodos, Dimasas, Hmars, Garos, Rengmas, Nagas, Tiwas, Man (Tai Speaking), besides a large number of non tribals also live in this hill district.

SL. NO.	PARTICULARS	DETAILS IN FIGURE
1	Geographical Area	7399 sq. Km
2	Population	660955 and the density of population is 93 per Sq. Km with a House hold 126037 (As per 2011 census).
3	No. Of Sub-divisions	03 Diphu, Bokajan, Howraghat
4	No. Of Circles	03 Diphu, Phuloni, Silonijan
5	No. Of Blocks	7 Nos Under Diphu Sub Divn: Lumbajong, , Langsomepi, Under Bokajan Sub Divn: Bokajan , Nilip, Rongmongwe, Under Howraghat Sub Divn:, Howraghat, Samelangso
6	No of Villages	1599
7	Literacy	Male: 326524, Female: 248065
8	Total Nos. of Police Stations	27 nos.

2.3 Geology and Geomorphology:-

Rivers: There are numerous rivers with tributaries in this district among them, the most important are
1. Amreng River 2. Kolioni River 3. Dhansiri River 4. Dikharu River 5. Nambor River 6. Deopani River 7. Jamuna River 8. Patradisha River 9. Longnit River 10. Doigrung River 11. Diphu River.

Forests: The forest area covered is about 4,922.019 sq. km with 14 Nos. State R. F. and 17 Nos. District Council R. F. in the district. The Various mineral are also found in the district like Lime Stone, China Clay, Feldspar, Coal.

STATE RESERVE FORESTS: 14 NOS

Under West Division/ Area	Under East Division/Area
1. Dhansiri R. F. 770.38 2. Daldali R. F. 123.32 3. Disama R.F. 112.15 4. Kaki Ist Add. R.F. 121.149	1. Mikir Hills R.F. 221.081 Sq.Km 2. Kaliyani R. F. 208.961 Sq.Km 3. Nambor R. F. (N block) 53.094 Sq.Km 4. Nambor R.F. (W block) 166.325 Sq.Km 5. Chelabor R.F. 33.54 Sq.Km 6. Sildharampur R.F. 15.75 Sq.Km 7. Jungthung R. F. 32.565 Sq.Km

Highest Mountain peak: -Even though the district is dotted with hills, a few of which can be categorized into Mountain. Among them, the highest is the Singhason Peak which is at about 1360 metres above the sea level.

Natural Resources: -Minerals: There are different kinds of minerals found in the district namely:

- i) Lime stone: Found in Dillai and Sainilangso.
- ii) China-clay: Found in Upper Deopani & Silonijan area.
- iii) Feldspar: Found in Koilajan area
- iv) Coal: Found in Koilajan and Silbhetta.
- v) Iron ore: Found in Tarapung.

2.4 Climate and Rainfall:-

Due to the wide variation in topography, entire district experiences different climate in different parts. During summer the atmosphere becomes sultry although the temperature ranges 22-38 degree Celsius in summer and 9-25 degree Celsius in winter. The winter commences from October and continues till February. The monsoon starts generally from mid May and continues till September. Though the average rainfall in the district is 1200 mm but it is not uniformly distributed, therefore, there is a wide range of disparity in distribution of rainfall from place to place. Dhansiri area of Diphu Sub-Division is known as rain shadow area.

WEATHER

Av. Rainfall		Av. Temperature		Av. Humidity(%)	
Average No of rainy days	Monthly Average rainfall(mm)	Min 0C	Max 0C	Min	Max
146	100.00	8.5	43.0	57.0	86.0

2.5 Major Industries:-

The major industries in the district are the cement industry CCI at Bokajan and Tea Gardens and there are numerous brick industries, micro scale industries. (Annexure 1: Industry list)

2.6 Socio Economic Features (Agriculture and Irrigation):-

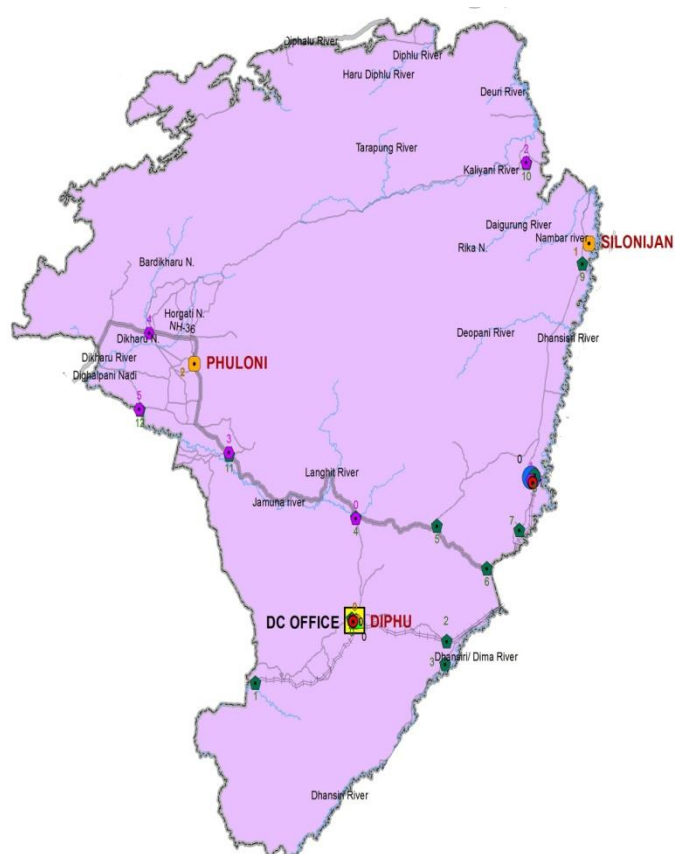
Agriculture plays an important role in the economy of the district and about 85% of the rural population directly depends on agriculture for their livelihood. The district has a medium to high cropping intensity and more intensive and diversified farming systems in comparison to the other zone. The major field crops are rice (Sali, and Ahu) Black gram, Aarahar, Lentil, Pea, Maize, Rape & Mustard, Wheat, etc. Horticultural crops include vegetables like Cole crops, Brinjal, Tomato, Potato, chilli, Cucurbits, Onion, Garlic, Turmeric, Ginger etc. Important plantation crops are Areca nut, Coconut, Bamboo etc. Banana, pineapple, litchi, citrus etc. are major commercially cultivated fruit crops of the district. Rain fed farming is generally followed by the farmers and only approx 2% of the cultivated area is brought under irrigation through canal, lift irrigation and S.T.W. There are a few natural Beels where fish grows naturally and generally fish cultivation is done in community tanks or ponds and low lying areas. Cattle, goat, pig and poultry are the major livestock of the district. However, there has been considerable yield gap in both agriculture and allied sectors due to gap in adoption of scientific technology. The infrastructure facilities like supply of input, marketing, institutional credit and extension services are still inadequate. Gradual degradation of natural resources such as soil and water is also noticed

due to adoption of inappropriate agricultural practices. Therefore, conservation of these resources needs to be prioritized through adoption of sustainable land use system.

Agriculture		Irrigation
Total Geographical area:- 7399 sq. Km		Total Irrigated area: 183125 Ha
Gross Cropped area: 246961 Ha	Net Cropped Area: 176433 Ha	
Cropping Intensity: 140 %		

2.7 Roads and Communication:

The district is connected with other district through various routes. On the north it is covered by NH- 36 and on the east by NH-39. The internal routes are covered by P.W.D.The N.F. railway passes the district touching through a few points along the boundary viz. Borlangphar, Langsoli-et, Nilalung, Diphu, Doldoli, Rongapahar, Khatkhathi and Bokajan.



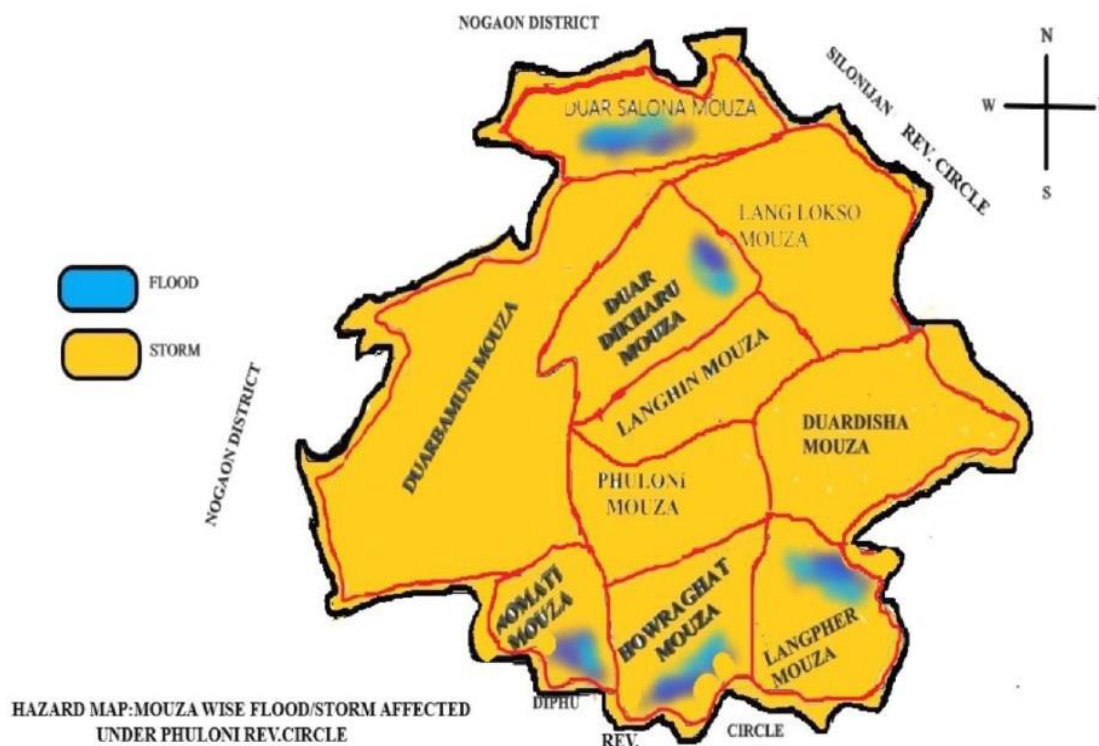
Chapter-3

Hazard and Vulnerability Analysis

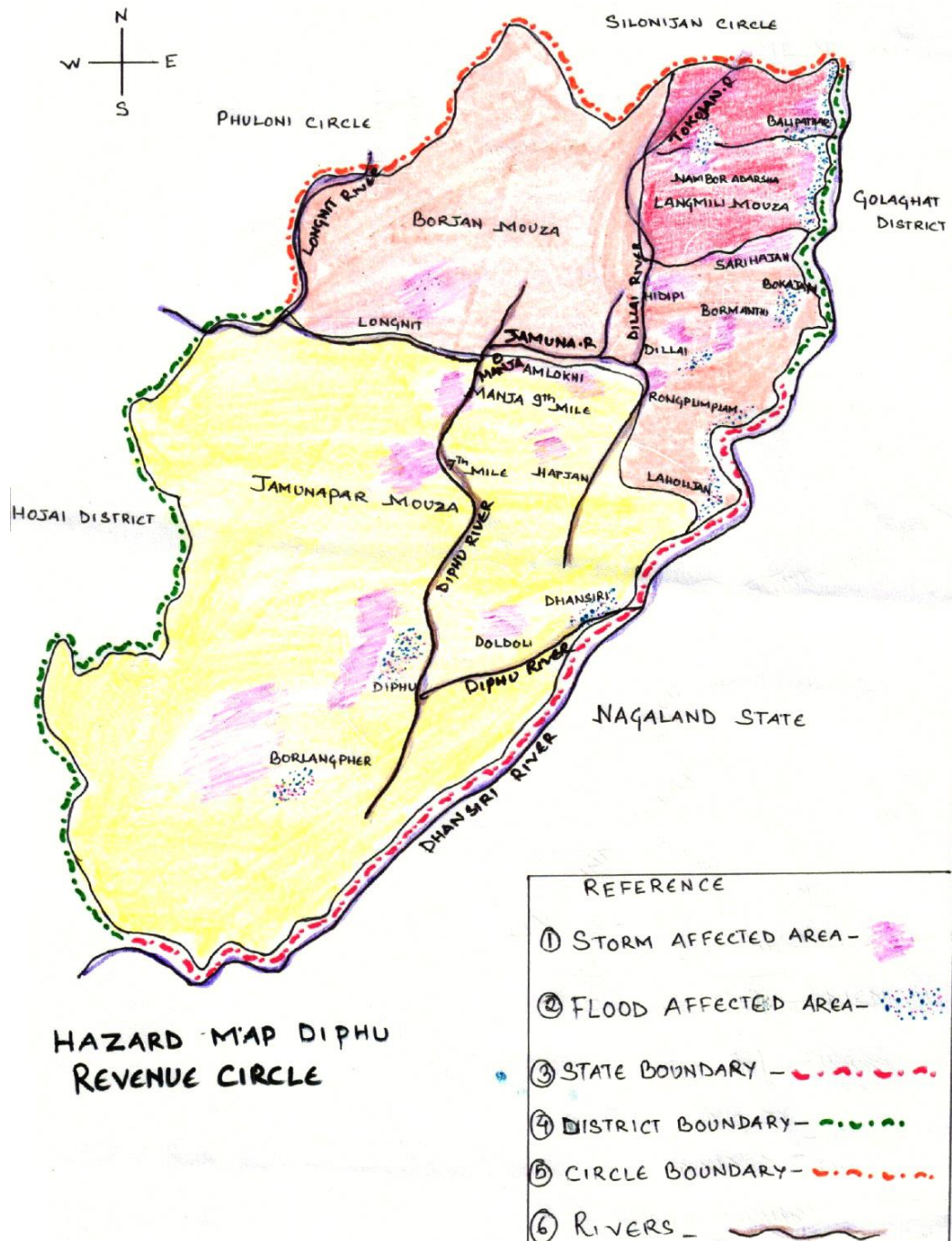
This chapter largely deals with the disasters that Karbi Anglong has experienced. Based on this, the vulnerability assessment of people and their income sources, infrastructure, crops, livestock resources, drinking water supply, daily necessities, communication and transportation system, public distribution, medical facilities and other elements has been done so that such elements can be safely shifted to, or to be taken care of before any unexpected disaster or during the disasters. This is the most important part of the plan. Vulnerability assessment deals with the socio-economic vulnerability, housing vulnerability and environmental vulnerability.

3.1. Hazard Map of Three Revenue Circle: Maps depicts flood & storm affected areas

3.1. A: Hazard Map of Phuloni Revenue Circle.



3.2. B: Hazard Map of Diphu Revenue Circle.



3.2. C: Hazard Map of Silonijan Revenue Circle.



3.3. Hazard Analysis:

Event	Year	Revenue Circle	No. of Ward/ Village affected	No. Of affected HH	No. of affected people	No. Of Death	No. of Cattles lost
Storm	2018	Diphu	5	957	4596	Nil	Nil
		Silonijan	Nil	Nil	Nil	Nil	Nil
		Phuloni	39	583	3263	2	Nil
Flood		Diphu	23	795	522	3	Nil
		Silonijan	11	1127	5783	Nil	Nil
		Phuloni	30	1852	7389	1	Nil
Lightning		Diphu	Nil	Nil	Nil	4	15
Landslide		Diphu	Nil	2	5	2	Nil
Wild Elephant Attack		Diphu	Nil	Nil	Nil	2	Nil

Event	Year	Revenue Circle	No. of Ward/ Village affected	No. Of affected HH	No. of affected people	No. Of Death	No. of Cattles lost
Storm	2019	Diphu	9	90	421	Nil	Nil
		Silonijan	Nil	Nil	Nil	Nil	Nil
		Phuloni	11	215	980	1	Nil
Flood		Diphu	6	770	3085	Nil	Nil
		Silonijan	9	691	3552	1	Nil
		Phuloni	2	161	1378	Nil	Nil
Fire		Diphu	6	6	18	Nil	Nil
		Silonijan	1	1	5	Nil	Nil
		Phuloni	1	1	4	Nil	Nil

Event	Year	Revenue Circle	No. of Ward/ Village affected	No. Of affected HH	No. of affected people	No. Of Death	No. of Cattles lost
Storm	2020	Diphu	17	247	1047	Nil	Nil
		Silonijan	6	572	1613	Nil	Nil
		Phuloni	33	231	1109	1	Nil
Flood		Diphu	8	1378	6890	1	Nil
		Silonijan	2	120	604	Nil	Nil
		Phuloni	2	162	1530	Nil	Nil
Fire		Diphu	1	375	1100	1	Nil
		Silonijan	1	1	5	Nil	Nil
Lightning		Diphu	Nil	Nil	Nil	4	Nil
Electrocution		Diphu	Nil	Nil	Nil	2	Nil

Event	Year	Revenue Circle	No. of Ward/ Village affected	No. Of affected HH	No. of affected people	No. Of Death	No. of Cattles lost
Storm	2021	Diphu	3	138	519	Nil	Nil
		Silonijan	12	655	2835	Nil	Nil
		Phuloni	1	1	1	1	Nil

Fire	Diphu	10	21	103	Nil	Nil
	Silonijan	2	2	13	2	Nil

Event	Year	Revenue Circle	No. of Ward/ Village affected	No. Of affected HH	No. of affected people	No. Of Death	No. of Cattles lost
Storm	2022	Diphu	3	48	104	Nil	Nil
		Silonijan	38	1490	7196	Nil	Nil
		Phuloni	16	647	2955	Nil	Nil
Wild Elephant Attack		Diphu	2	9	Nil	2	Nil
Lightning			Nil	Nil	Nil	1	Nil

• **Accidental death report**

Event	Year	Month	Death
Drowning (not related to Flood)	2018	July and August	4
	2019	January, May, July, August and September	6
	2020	May and August	6 (1 body could not traced)
	2021	July, August, September	4
	2022	May, October	3

• **Infrastructure Damage**

Revenue Circle	Infrastructure Damage											
	Roads		Crops		Houses		Schools		Hospitals/Health Centres		Other Govt infrastructure	
	Area in Km	Economic Loss	Area in hectares	Economic Loss	Number	Economic Loss	Number	Economic Loss	Number	Economic Loss	Number	Economic Loss
Diphu	Culvert no. 4/3 at Dillai Sarihajan road (Zero Point) washaway. length 30 m under PWD	-	5.78 hectares	Rs 69360/-	4 (2020 & 2021)	Rs.214200	Nil	Nil	Nil	Nil	Nil	Nil

	Barpathar Road Division. (2021)											
Silonijan	BBDC road at chainage 12000.00 m was erode due to rain, length of damaged is 80.00 m under PWD Barpathar Road division (2021)	-	Nil	Nil	114 (2021 and 2022)	Rs. 463500/-	Nil	Nil	Nil	Nil	Nil	Nil
Phuloni	Hanging Iron foot Bridge washed out due to flash flood. 15 mtr. Length (2022)	-	Nil	Nil	37 (2022)	Rs. 1,18,400 /-	Nil	Nil	Nil	Nil	Nil	Nil

3.4: Vulnerability Analysis:

(A) Flood: The major natural hazard in the district is flood. The district receives heavy rainfall during the monsoon and as a result the rivers get inundated and the nearby areas experiences flash flood due to rain in the nearby hills. The major rivers in the district which causing flood are

1. Jamuna, Dighalpani, Dikharu, Horgathi, Harina and Diphu rivers under Diphu sub-division.
2. Kopili and Borapani rivers under West Karbi Anglong District.
3. Dhansiri river under Bokajan sub-division.

(B) Storm: Being a hilly place the district is vulnerable to seasonal storm between the months March-May. The entire district may face destruction due to storm like uprooting of trees, devastation of houses, communication distortion, damage to the paddy fields etc.

The name of the Villages affected by Storm in the district is metioned below Revenue Circle wise:

Diphu Revenue Circle	Silonijan Revenue Circle	Phuloni Revenue Circle
Singhason	Kohora	Sunpura
Khonbamon	Panjan	Gajalipar
Borzan	Chokihola	Samelangso
Serlongjon (Forest Village)	Bokial Grant	Singhason
Ward no. 4 Rongmonjir (Lumding Road)	Dhokhora	Disobai

Ward no.4 Sirikangnep	Bhitor Kaliani	Matikhula
Ward no. 6 Cheksolangso	Hir Hire	Silpukhuri
Morakordoiguri	Chowkiholo	Sunpura
No. 5 Nambor Adarsha (Balipathar)	Bhitor Kaliani	kaipani
	Hir Hiri no 1	Rangagora
	Rongagora	

3.5: Vulnerability Analysis

Hazard Type	Revenue Circle	No. Of Vulnerable villages	Major five vulnerability in Rev. Circle	Explain the vulnerability in relation to the hazard
Storm	Silonijan	10	Flood, Storm, Lightening, Fire, Road accident, human elephant conflict	Due to heavy rain and storm and also location of villages are in hilly areas houses /infrastructure get damaged every year.
Flood		10		Due to rising of water in Bhramaputra and Dhansiri River and also heavy rain in the hills villages get flooded and it stays for two to three days maximum.
Elephant Conflict				Human elephant conflicts do occur in the circle as many areas are covered by forest area.
Flood Storm	Phuloni	47	Flash Flood, Storm, Road Accident, Fire, Lightening	Due to heavy rain villages face flood situation though it stays for two to three days. Storm/lightning is another issue affected in the revenue circle.
Flash Flood				Dhansiri, Diphu River and Dillai River and its rivulet causes flash flood if there is continuous rainfall. Urban flash flood mainly in diphu town is another issue that is mainly causes due to unplanned infrastructure and lack of drainage system.
Storm	Diphu	21	Flash Flood, Storm, Road Accident, Fire, Lightening, Elephant Human Conflict	Due to natural landscape some area of Diphu revenue circle is prone to storm occasionally every year.
Fire				Fire incident occur occasionally mainly in the congested areas like slum areas of Lahorijan.
Elephant Conflict				Human elephant conflicts do occur in the circle as many areas are covered by forest area.

A-1 Identified flood prone villages:**Phuloni Revenue Circle:**

Sl.no	Name of villages	Name of Gaon Burah	Name of Lot Mondol
1	Pub-Dikharu Gaon	Rajat Kro	Gunaram Teron
2	Ok-Kereng Dighalpani	Sunaram Boro	Gunaram Teron
3	Modartuli	Nirmal Borah	Gunaram Teron
4	Kampurua	Nirmal Borah	Gunaram Teron
5	Kehai Rongpi	Nirmal Borah	Gunaram Teron
6	Cherakani	Biren Deka	Gunaram Teron
7	Barbali(1)	Biren Deka	Gunaram Teron
8	Barbali(2)	Kiron Ke-Up	Gunaram Teron
9	Ramsa Tokbi	Kiron Ke-Up	Gunaram Teron
10	Sakoli Tisso	Kiron Ke-Up	Gunaram Teron
11	Letua Pator	Kiron Ke-Up	Gunaram Teron
12	Maji Gaon	Kahiram Mech	Gunaram Teron
13	Bondhon Gaon	Adison Teron	Gunaram Teron
14	Chondro Taro	Adison Teron	Gunaram Teron
15	Thengkur Rongphar	Hemanta Engti	Monuj Hanse
16	Mandu Bey	Hemanta Engti	Monuj Hanse
17	Gobin Rongphar	Hemanta Engti	Monuj Hanse
18	Hambong Enghi	Longki Enghi	Gunaram Teron
19	Nihang Engti	Semson Sing Engti	Gunaram Teron
20	Ok-Kereng Rongkimi	Kheon Kro	Gunaram Teron
21	Dighali ati	Baliram Basumatary	Gunaram Teron
22	Sildhorompur	Mondal Engleng	Gunaram Teron
23	Baroisankar	Sonasing Teron	Gunaram Teron
24	Dokmoka Town	Moniram Rongphar	Brojen Rongpi
25	Habe Rongphar Gaon	Moniram Rongphar	Brojen Rongpi
26	Sarjeng area	Binandra Engti	Damian Teron
27	Lotumari	Motiram Khaklary	Damian Teron
28	Swargathi	Chakra Basumatary	Damian Teron
29	Pongwe kro	Borkhat Kro	Kamal Engleng
30	Bakong tisso	Nogen Tisso	Do
31	On Teron	Nogen Tisso	Do
32	Jaljuri Terang Gaon	Sonasing Hanse	Kamal Engleng
33	Pani Gaon	Buddeswar Teron	Robindro Bongrung
34	Dengse tokbi gaon	Buddeswar Teron	Brojen Rongpi
35	Teke rongpi gaon	Longki Ram Timung	Kamal Engleng
36	Mon Timung gaon	Longki Ram Timung	Do
37	Jamuna gaon	Ghana kanta Koch	Gunaram Teron
38	Borgonga gaon	Longki Ram Timung	Kamal Engleng
39	Dupor Timung gaon	Sukur sing Rongpi	Do
40	Bomrui Adarsha	Babu Tokbi	Jowel Terang

Silonijan Revenue Circle:

Sl.No.	Name of Zone wise Revenue Villages	Name of Gaonburas/ SGBs	Name of Lott Mondol
1	Kathkhotia C	Shri Dillip Paul SGB Ph.no. 9365762130	Shri Ripon Shyam Ph.no.9101349668
2	Rongagora		
3	Japarajan		
4	Pator Gaon		
5	Kudam Gaon		
6	Mohkuti		
7	Dihingia C		
8	Dihingia NC		
9	Deopani		
10	Holokhuwa		
11	Borsewaguri		
12	Kathkotia C		
13	Holohkuwa NC		
14	Phangcherop	Shri Arun Kro SGB Ph.no 8011302231	Shri Babuson Teron(LM) Ph.no
15	Khanara		
16	Borpung		
17	Tarapung		
18	Chosengtari		
19	Khownai		
20	Richangari		
21	Sathi Rengma		
22	Deihori NC		
23	Panjan NC		
24	Hirhiri 1No		
25	Hirhiri 2No		
26	Tokolangso		
27	Deigurung		
28	Kadomari		
29	Dokhora Pathar		
30	Bithor Kaliani		
31	Chokihola		
32	Akhoiputha		
33	Bokailgrant		
34	Chotiani NC		
35	Kasomari NC		
36	Upper Deopani NC		
37	Nambor		
38	Borneuria NC		
39	Langsomepi		
40	Henburi		
41	Upper Doigrung		
42	Santipur		
43	Bagori	Shri Boloram Terang SGBs Ph.no 600691360	Sri KalamSing Timung(LM) Ph.no8761080202
44	Kohora		
45	Haluwa		
46	Diring		
47	Panbari		
48	Bachekrang		
49	Dadhora		
50	Malasi		
51	Dolamara		

52	Deihori		
53	Mithunguri		
54	Bijuli		
55	Kakojan		
56	Geleka		

Diphu Revenue Circle

Sl. No.	Name of Villages	Name of Gaonbura	Contact No.	Name of SK/Lot. Mondal	Contact No.
1.	Neperpetty	Bikash Mech	997115408	Mohendro Rongpi	9613961288/ 9435316322
2.	Balipathar	Jowelson Terang	9435783425	-Do-	-Do-
3.	Tinglijan	Bidarson Marak	9859235215	-Do-	-Do-
4.	Morakordoiguri	Arbinath Momin	-	-Do-	-Do-
5.	Sarihajan	Khoyasing Terang	9615743709	Nogen Timung	9365492826
6.	Kathalguri	Joymohan Hasnu	9615173528	-Do-	-Do-
7.	Tengahola	Haradhan Bhowmik	-	Langtuk Timung	8638135973
8.	Ghoriadubi	Chandi Hasda	-	-Do-	-Do-
9.	Matipul	Mohendra Kurmi	9435782867	-Do-	-Do-
10.	Lahorijan	Heera Chetri	9402232987	-Do-	-Do-
11.	Hidipi	Wophong Kro	9435222117	Nogen Timung	9365492826
12.	Manja	Monsing Teron	7399890697	-Do-	-Do-
13.	Dillai	Rajeshwar Teron	8403970422	-Do-	-Do-
14.	Dhansiri Adarsha	Vidhan Jigdung	9435927187	Manik Teron	9859993396
15.	Dharamnala, Diphu	Ganesh Engti	-	Raju Rongchekon	9859941138/967874453 9

Capacity Analysis:

DDMA conduct training programmes for various stakeholders with the support of ASDMA

Hazard Type	Revenue Circle	No. Trained officials/fronline workers/volunteers				Details of inventory of resources prepared including human resources		
		Relief	Recovery	Reconstruction	Mitigation	Departments	Private Sector	NGOs
Flood/Earth quake/ Storm/Fire	All the three Revenue Circles	1. Training on First Aid & Trauma Management for Police Personnel- Total Participants 34 nos. 2. Awareness Programme for disable people- Total participants 49 nos. 3. RVS training for engineers- Total Participants-36 nos. 4. Mass Casualty Management for doctors & paramedics- Total Participants -47 nos. 5. Training for School Teachers on School Safety & preparation DM plans-Total Participants-100 nos. 6. Training on Water & Sanitation- Total participants- 45 nos. 7. Training on First Aid and search & Rescue for volunteers- Total Participants- 63 nos				F&ES Diphu- 14 nos. F&ES Howraghat- 12 nos. F&ES Bokajan- 12 nos. Civil Defence- 2 (Officers) . (Resources inventory enclosed as annexure)	Crane Details Annexure enclosed	Indian Red Cross Society, Diphu- Have more than 100 nos. of volunteers in the district

Identified Relief Camps:**Diphu Revenue Circle:**

Sl. No.	Name and Address of the shelter	Capacity	Drinking water facility	Sanitation facility	Electricity facility
Under Diphu Sub-Division					
1	Diphu Govt. Boys' Hr. Sec. School, Diphu	500	Available	Available	Available
2	Rengbonghom Hr. Sec. School, Diphu	400	Available	Available	Available
3	D.A.V. Hr. Sec. School, Diphu	400	Available	Available	Available
4	Chandrasing Teron High School, Diphu	300	Available	Available	Available
5	Binapani High School, Diphu	300	Available	Available	Available
6	Bakaliaghat Hr. Sec. School, P.O. Bakaliaghat	200	Available	Available	Available
7	Phuloni High School (Pvn), P.O. Phuloni	250	Available	Available	Available
8	Dengaon High School (Pvn), P.O. Duabamuni	200	Available	Available	Available
9	Langhin Pamgaon High School (Pvn) P.O. Langhin	300	Available	Available	Available
10	Howraghat Hr. Sec. School(Pvn), P.O. Howraghat	350	Available	Available	Available

Sl. No.	Name and Address of the shelter	Capacity	Drinking water facility	Sanitation facility	Electricity facility
Under Bokajan Sub-Division					
1	Bokajan Hr. Sec. School (Pvn), P.O. Bokajan	300	Available	Available	Available
2	Vivekananda High School (Pvn), P.O. Bokajan	250	Available	Available	Available
3	Barpathar High School (Pvn), P.O. Disirigayan Satra	300	Available	Available	Available
4	Sarihajan High School (Pvn), P.O. Sarihajan	300	Available	Available	Available
5	Balipathar Hr. Sec. School (Pvn), P.O. Balipathar	200	Available	Available	Available
6	Deithor High School (Pvn), P.O. Deithor	200	Available	Available	Available
7	Rongbong Ghat High School (Pvn), P.O. Letekujan	200	Available	Available	Available
8	Merabheti High School (Pvn), P.O. Bhiton Kalioni	260	Available	Available	Available
9	Chowkiola High School (Pvn), P.O. Bogijan	280	Available	Available	Available
10	Silonijan High School (Pvn), P.O. Silonijan	250	Available	Available	Available

Phuloni Revenue Circle:

Sl. No.	Name and Address of the shelter	Capacity	Drinking water facility	Sanitation facility	Electricity facility
1	Hamukjan L.P School	300	Available	Available	Not Available
2	Dighalpani L.P School	150	Available	Not Available	Not Available
3	Karuna bey L.P School	120	Available	Available	Not Available
4	Karuna bey English School	150	Available	Available	Not Available
5	Jaipong High School	300	Available	Available	Available
6	Langlokso M.E School	250	Available	Available	Not Available

7	Renughat L.P School	120	Available	Available	Not Available
8	Lemtem Singnar L.P School	150	Available	Available	Not Available
9	Nihang Rongphar English School	250	Available	Available	Available
10	Tekelangjun High School	300	Available	Available	Available
11	Dongkachingthu High School	280	Available	Available	Available
12	Samelangso High School	300	Available	Available	Available
13	Dhoujukha Semsonsing Engti M.E School	100	Available	Available	Available
14	Dhoujukha Semsonsing Engti High School	250	Available	Available	Available
15	Manikpur Bodo Medium High School	280	Available	Available	Available
16	Sonarijan L.P. School	150	Available	Available	Not Available
17	Birupara L.P School	120	Available	Available	Not Available
18	Podumpukhuri High School	280	Available	Available	Available
19	Mohamaya Pahar	100	Not Available	Not Available	Not Available
20	Parkup Pahar High School	200	Available	Available	Available
21	Langbui Mazur L.P School	100	Available	Not Available	Not Available
22	Bomrui M.E School	120	Not Available	Not Available	Not Available
23	Bakalia Eng.Med.High School	250	Available	Available	Available
24	Dhonsing Engti Memorial L.P School	150	Available	Available	Not Available
25	Mohari Rongphar Open Field(2 Bigha Total Area)	250	Available	Not Available	Not Available
26	Ecoadshery Open Field(2 Katha Total Area)	150	Not Available	Not Available	Not Available
27	Longku Langso Football Field	250	Not Available	Not Available	Not Available
28	Thengkur Rongphar L.P School	80	Available	Available	Not Available
29	Phuloni High School	150	Available	Available	Available

Silonijan Revenue Circle:

Sl. No.	Name and Address of the shelter	Capacity	Drinking water facility	Sanitation facility	Electricity facility
1	Nagakhuli L. P School	200	Available	Available	Not Available
2	2 No. Hollowkhuwa L.P School	110	Available	Available	Available

3	Maz Gaon L.P School	130	Not Available	Not Available	Not Available
4	Pan Bari L.P School	80	Available	Available	Not Available
5	Nonke Bosti L.P School	80	Not Available	Available	Available
6	Deopanai Basic L.P School	170	Available	Available	Not Available
7	Ting Bosti L.P School	130	Available	Not Available	Not Available
8	Koliyabil M.E School	140	Available	Available	Available
9	Purna Borpathar PWD-NH	90	Not Available	Not Available	Not Available
10	Bagori LP School	140	Available	Available	Available
11	Gompot L.P School	80	Available	Available	Available

(C) **Earthquake:** Karbi Anglong has not experienced any major earthquake yet except few mild tremors occasionally. But the entire district is very much vulnerable to earthquake due to its weak geography and fragile geomorphology being in the most dangerous Seismic Zone i.e. Zone (V). The difficult terrain and arduous communication has made it hazardous to earthquake. The whole district is sitting on the bed of limestone and hence very fragile. The soil is very much unstable here and hence needs special attention to structures and constructions. It is to mention here that about 98% of buildings are Assam Type and only 2% are RCC buildings in the district.

(D) **Landslide:** Though the district is located in hilly terrain there has been no past history of major landslide. But it is vulnerable to landslide due to its weak soil structures. Road erosion and road dumping is a common phenomenon in the district and normal life is distorted due to communication. Further many road accidents take place due to the road dumping cases.

(E) **Drought:** Drought was experienced by the district in the year 2009 and the farmers had to bear heavy loss. The production was very low and the district administration had to distribute relief material and seed to the affected population. The whole district is vulnerable to drought and as no such natural water reservoir is there in the district from where the water can be irrigated. Again the irrigation system is also very poor in the district and only 13,461 Ha of total crop field is connected with irrigation facilities.

(F) **Rail-Road Accidents:** National Highway 36 and 37 covers the district and the district is connected from headquarter Diphu to the Golaghat District, Dimapur, Lumding, Guwahati, Nagaon, Jorhat, and Tezpur. Due to the weak soil structure the roads in the district get easily eroded or dumping occurs on the roads. Again the places are hilly and driving here is not easy, hence the district is vulnerable to road accidents and the road side population is more prone to accidents.

The N.F. Railway passes through the district and touches the boundary of the district.

(G) **Fire:** Fire incident occurs every year in the district from low to high intensity and mainly these incidents occur due to human negligence. Fire mainly occurs in the densely populated areas especially the slum dwellers and market areas.

(H) **Man Elephant Conflict:** There have been many incidents of elephant attacks where human has lost their lives.

(I) **Other Manmade disasters:** The district has already experienced a series of ethnic clashes, riots, terrorist attack, and bomb blast in the past with heavy loss of life and property. Again the district shares boundaries with Nagaland state which increases the vulnerability of the border areas. There are 11 nos of border out post in the district to look after the situation and more focus is needed to tackle any unwanted situation.

Risk Score

A. Hazard	B. Revenue Circle	C. Severity of Hazard	D. Likelihood of occurrence					
			Very Frequent (5 points)	Frequent (4 points)	Moderately Likely (3 Points)	Occasional (2 Points)	Unlikely (1Point)	Score (Cx D)
		1. Very High 2. High 3. Moderately High 4. Low 5. Negligible						
Flash Flood	Diphu	Moderately High			3			9
Storm		High				2		4
Fire		High			3			9
Storm	Phunoni	Low				2		8
Flood		Low				2		8
Fire		Low				2		8
Flood	Silonijan	Moderately High			3			9
Storm		Low			3			12
Fire		Low				2		8

Chapter-4 **Institutional Mechanism**

4.1 The District Disaster Management Authority:

Government of India has passed Disaster Management Act on 23rd December, 2005, where it is clearly outlined that a Disaster Management Authority to be formed at the district level. It will be the apex body at the district level. Disaster management would involve many layers of participating organization. District Disaster Management Authority is already formed for Karbi Anglong district and activated to mitigate any unexpected situation in the district.

Members of DDMA Karbi Anglong:

Sl.No.	Name & Designation	Position
1.	Deputy Commissioner	Chairperson
2.	Chief Executive Member , KAAC or his representative	Co-Chairperson
3.	Additional Deputy Commissioner (i/c DM Branch)	Chief Executive Officer
4.	Superintendent of Police, Karbi Anglong	Member
5.	Chief Medical Officer, Karbi Anglong	Member
6.	Executive Engineer PWD(R), Diphu	Member
7.	Executive Engineer, Water Resources, Diphu	Member

Invitees for DDMA meetings:

Member of Parliament of 3 Autonomous District Constituency	Ex-officio
Member of Legislative Assembly of 17-Bokajan Assembly Constituency	Ex-officio
Member of Legislative Assembly of 18- Howraghat Assembly Constituency	Ex-officio
Member of Legislative Assembly of 19- Diphu Assembly Constituency	Ex-officio

Besides the above, the heads of all departments concerned with the management of disasters in the district such as Civil Defence, Food Civil supplies & Consumer Affairs, Agriculture, Panchayat & Rural Development, Power, Irrigation, Veterinary & Animal Husbandry, Handloom & Textile, Social Welfare, Public Health Engineering, Inspector of School/ District Elementary Education Officer, Fishery, Soil Conservation will be invitees to all the meetings of the District Disaster Management Authority.

All the line departments of the district work together under the authority towards Disaster Management. All the line departments has their own contingency plan for any disaster situation in the district and respond to such situation in co-ordination with the District Disaster Management Authority.

4.2 Circle Disaster Management Committee (CDMC): At revenue circle, Circle Disaster Management Committees are constituted.

Members of Phuloni Revenue Circle CDMC

Name Of The Officers	Designation	Contact No
Sri Jojo Terang	ARO, Phuloni Revenue Office– Chairman	8486020699
Smti.Jhanadi Langthasa	BDO, Rongmongwe Dev. Block- Member	9435471346/9678157617
Smti. Junali Nath	BDO, Samelangso Dev.Block- Member	9954302601
Sri Mantu Saikia	ADO, Langsomepi, (Bakalia) Dev. Block- Member	9678177053
Sri Saurabh Sanidhya	ADO, Samelangso Dev. Block- Member	9435872376
Sri Rajen Engleng	EE,AEE, P.W.D (R) ,Bakalia Sub Divison- Member	9854049373
Smti. Kanaklata Teronpi	BDO, Langsomepi Dev. Block- Member	9954302601
Sri Rajib Borah	AEE, PHE, Dokmoka Sub Division,Dokmoka- Member	7002917583
Smti. Jiljily Thaosen	BDO, Howraghat Dev. Block- Member	9954216192

Dr. Anthony Lekhte	BVO, Rongmongwe State Veterinary Dispensary, Rongmongwe- Member	8753891992
Dr. Longchong	BVO, Howraghat State Veterinary Dispensary, Howraghat- Member	9859301859
Sri Rabi Sing Hanse	AEE, PHE, Howraghat Sub Division, Howraghat- Member	9435236439/6003262758
Sri Badan Tisso	AEE, P.W.D(R), Dokmoka Sub Division- Member	7002134225
Sri S.K Roy	EE, P.W.D(R), Dokmoka Sub Division- Member	9435137392
Smti..Jyotsna Tokbipi	CDPO, Howraghat- Member	7086338746/9101758953
Sri Harinath Ronghang	ACF, N/Range, Bakalia, Forest- Member	8761072377/9101158779
Sri Prahlad Kro	ACF, Northern W /Range Parkup Pahar, Forest- Member	9365067225
Sri Rajen Rongpi	FOREST RANGE OFFICER I, W/Range Dokmoka, Forest- Member	9435316212
Sri. Dipu Kalita	Field Officer ,Disaster Management, Phuloni Rev.Circle - Member Circle - Member	7002083335

Members of Silonijan Revenue Circle CDMC

NAME OF THE OFFICERS	DESIGNATION	CONTACT NO
Sri Tarun Engti	ARO, Silonijan – Chairman	7002064417
Dr. Hidayanda Das	ADO, Nilip Block- Member	7002474278
Smt. July Terangpi	BDO, Nilip Dev. Block- Member	7002546907
Dr. J.K Kerkata	M&HO, Silonijan SD- Member	7002813547
Dr. Pradip Saimont	BVO, Silonijan- Member	9854137257
Sri Budho Teron	SDE, Kohora Road Division- Member	9957062391
Sri Deeptana Paul	SO, PHE Silonijan Div. - Member	7002775613
Sri Bhupon Shyam	JE, PWD Borpathar Road Div. - Member	6000582733
Sri Ritu Bordoloi	LM, Silonijan Rev. Circle- Member	7002328415
Sri Kalam Sing Bey	LM, Silonijan Circle- Member	8761080202
Sri Babuson Teron	LM, Silonijan Circle- Member	7896361902
Anup Kr. Kanu	JM ,APDCL, Bokajan- Member	9085502186
Dr. Rukasen Terang	BVO, Nilip- Member	9678140335
Ranjit Bordoloi	ABDO, Rongmongwe- Member	7896504699
Sidhartha Teron	BPEO, Nilip - Member	9678447556
Sunita Tamulii	CDPO, Bokajan- Member	9365300196
Pronob Teron, ACF	N/E Range)- Member	7002383439
Sri Bijay Tisso	Field Officer ,Disaster Management, Silonijan Rev.Circle - Member	8753881776

Members of Diphu Revenue Circle CDMC

NAME OF THE OFFICERS	DESIGNATION	CONTACT NO
Sri Nilotpal Ronghang	ARO , Diphu Revenue Circle - Chairman	8011232873
Smti. Larshika Tissopi	FO, DM Diphu Revenue Circle	7086341477
Smti. Reeta Milikpi	BDO, Lumbajong Dev. Block- Member	7002807399
Smti. Manjulata Ronghangpi	BDO, Bokajan, Bokajan Dev. Block- Member	9435370045
Dr. Subod Brahma	Block Veterinary Officer, Bokajan- Member	9435308739
Smti. Serjily Hansepi	Agriculture Dev. Officer- Member	8472961433
Smti. Rimbi Kramsapi	Assistant Engineer, Water Resource- Member	9531432616

Sri. Babul Rongpi	ACF West Div/Karbi Anglong- Member	6003982677
Sri. Bidya sing Bey	Senior Station Officer, F&ES, Diphu- Member	7896509549
Dr. Ntai Chandra Dey	SDM&HO,Bokajan ,CHC- Member	7896534909
Sri.Probhat Bey	AEE,PWD Roads ,Bokajan- Member	9101474032
Sri.Bhargav Das	AEE,PHE Rural,Diphu- Member	9864065897
Dr.Rupsing Hanse	SDM&HO ,Manja BPHC- Member	9678755294
Smti. Rita Engtipi	BPEO Bokajan Block,Education- Member	7002807399
Sri Robinson Engti Kathar	BPEO Lumbajong Block,Education- Member	9957539224
Smti. Kaban Engtipi	CDPO, Social Welfare Bokajan-Member	9101624301/6026333989
Sri Manik Teron	Misc Mondal,Diphu Revenue Circle	7002251516

During the monsoon season from 15th May to 15th October Water Resource Department Diphu submit daily water level of major Rivers; Rainfall Data are provided daily by Regional Agricultural Research Station Diphu to DEOC and dissiminated to all concerned. From SEOC Dispur provided IMD Weather report and Lightning & Storm Warnings.

The warning or occurrence of disaster will be communicated to:

- The Chief Secretary to the Govt. of Assam, Dispur.
- The Principal Secretary to the Govt. of Assam, Revenue and DM Department, Assam, Dispur
- The C.E.O., ASDMA, Assam, Dispur.
- The Principal Secretary, Karbi Anglong Autonomous Council, Diphu
- All concerned officials of the line departments of the district.

The occurrence of the disaster would essentially bring into force the following:

1. The Deputy Commissioner will activate the IRS.
2. All district level staff from various departments will be under the direction and control of the Deputy Commissioner
3. The Deputy Commissioner may in case of large-scale disasters get in touch with the local Defense units for assistance for rescue, evacuation and emergency relief measures.
4. The Deputy Commissioner will have the authority to requisite resources, materials and equipments from the private sector.
5. The Deputy Commissioner will direct respective Asst. Revenue Officers to set-up Site Operation Center/s in the affected area with the desk arrangements.
6. The Deputy Commissioner will authorize and direct respective SDOs (C), Asst. Revenue Officers & concerned Line Departments for establishment of transit and /or relief camps, feeding centers and cattle camps.
7. The Deputy Commissioner will authorize and direct respective SDOs (C), Asst. Revenue Officers & concerned Line Departments immediate evacuation whenever necessary.

Chapter- 5

Prevention, Preparedness and Mitigation

In disaster management cycle, preparedness and mitigation are the two important stages before the occurrence of disaster. It has a great importance in reduction of loss of life and property.

- **Preparedness:**

This protective process embraces measures which enable governments, communities and individuals to respond rapidly to disaster situations to cope with them effectively. Preparedness includes the formulation of viable emergency plans, the development of warning systems, the maintenance of inventories and the training of personnel. It may also embrace search and rescue measures as well as evacuation plans for areas that may be at risk from a recurring disaster. Preparedness therefore is the state of readiness to deal with a threatening disaster situation or disaster and its consequences. All preparedness planning needs to be supported by appropriate legislation with clear allocation of responsibilities and budgetary provisions.

- **.Mitigation:**

Mitigation refers to all actions taken before a disaster to reduce its impacts, including preparedness and long-term risk reduction measures. Mitigation activities fall broadly into two categories:

1. Structural mitigation – construction projects which reduce economic and social impacts.
2. Non-structural activities – policies and practices which raise awareness of hazards or encourage developments to reduce the impact of disasters.

Mitigation includes reviewing building codes; vulnerability analysis updates; zoning and land-use management and planning; reviewing of building use regulations and safety codes; and implementing preventative health measures. Mitigation can also involve educating businesses and the public on simple measures they can take to reduce loss or injury, for instance fastening bookshelves, water heaters, and filing cabinets to walls to keep them from falling during earthquakes. Ideally, these preventative measures and public education programmes will occur before the disaster.

5.1 Preparedness and Mitigation measures:

- **General Preparedness Measures:**

1. District Emergency Operation Centre

The DDMA Karbi Anglong has DEOC in O/o the Deputy Commissioner to ensure the round the clock operation of the control room in the district. The DEOC is run by Information Assistants engaged by DDMA. The DEOC is also enhanced with the toll free no.1077 for reporting.

2. Plan Updation

Disaster Management Plan needs updation at every interval. It includes the skilled manpower, their addresses and contact numbers, necessary equipments, medicinal stock, daily necessities, list of flood prone villages etc. All these things have to be updated after a certain interval of time. The DDMA Karbi Anglong has decided to update the plan on yearly basis.

The Headmasters & Focal Point Teachers of Schools were imparted training on preparation of School Safety Plans and conduct of mock drill among students & staff.

3. Training for Govt. Officials and Disaster Management Team Members:

The Govt. Officials of the line departments of the district is updated on various aspects of disaster management by organizing regular training programmes for the officials and even local volunteers. DDMA, Karbi Anglong visualizes and has imparted various training programme for the Govt. Officials and the members of various Search & Rescue teams in the district to increase efficacy at the time of need.

4. Organization of Mock Drills:

Mock drill is an integral part of the community based disaster management plan, as it is a preparedness drill to keep the community alert. Mock drills are planned at various level of the community to keep the community updated and active. School students & teachers are also trained on Mock Drill and conducted periodically.

DDMA Karbi Anglong has also conducted Emergency Management Exercise (EMEx) in coordination Line Departments and various stakeholders.

5. Communication:

During disaster communication plays a vital, role in reducing the loss of life and property. For effective and proper communication DDMA has developed a strong communication system and an inventory of contact numbers of all the concern persons up to the village level. DEOC, Karbi Anglong is set up at Deputy Commissioner's office for any emergency situation and it is equipped with the important contact numbers of the officials of the district which is updated on regular interval. Accordingly the other departments like Police, Fire, Medical; Water Resource has also set up their control rooms. DDMA envisage to develop a wireless network within the district up to the village level for better communication in future as when disaster strikes all the present communication systems like mobile network, landline, internet, rail-road network go down.

5.2: Preparedness and Mitigation measures of the line departments:

I) Police department: -

Diphu Police District

The police department of Diphu Police District has prepared a plan to provide systematic way of responding to any disaster/emergency situation. In this regard immediate identification of emergency situation, detailment of officers, use of resources, Government bodies responsible for responding and establishment of emergency.

As a preparedness measure the police department has constituted the following teams with their personnel available in the district.

1. Law and order team 2. Search and Rescue team 3. Rehabilitation and capacity building team
4. Quick response Team.

All the members of these teams have been absorbed in the respective teams formed by the district disaster management authority with their roles and responsibilities being the same in co-ordination with the other members from other line departments.

Police Control room: - The Police control room is well equipped with VHF (very High Frequency) sets and it works round the clock and is well prepared for dissemination of any information and hence respond to it. Police control room- 9365972436/ 03671-272594

For effective response during any emergency the district has been divided into three zones and 14 sectors; viz. - Diphu zone, Bokajan Zone and Howraghat Zone.

Sectors: - Diphu, Borlanghar, Manja, Dillai, Bokajan, Khatkhati, Borpathar, Chowkiola, Bokulia, Howraghat, Dokmoka, Samelangso, Rongmongwe and Angjokpani. The officers in charge of each P.S. will remain in Charge of the sector in their respective PS areas. The concerned I.C. of the OP under the PS will remain as sub- sector in their respective OP areas and will assist the concerned sector officer.

II) P.W.D. (Roads) Deptt.:

PLAN OF PWD (R), KARBI ANGLONG DISTRICT FOR DISASTER MANAGEMENT

I. Pre –Stage :

- a) To impart training to field staffs for readiness to deal with a disastrous situation.
- b) To undergo training of field staffs organised by other agencies.
- c) Investigation of existing permanent structure falling under the jurisdiction

- d) Identification of vulnerable structure based on investigation.
- e) Surveying for alternative option against vulnerable structures and initiate action to construct alternate route.
- f) Eviction of encroachers from road land to avoid congestion during any disaster.
- g) To provide sign and Caution board to restrict vehicular movement.

II. During Disaster :

- a) Act in co-ordination with DDMA.
- b) To provide and use man power for emergency services.
- c) Intimation to the higher authority of the situation from time to time.
- d) To arrange to restore the alternate routes for vehicular traffic.
- e) To arrange alternate possible way if required to prevent traffic congestion.

III. Post Stage:

- a) Assessing the extent of damage to existing structures & its functionality.
- b) Evacuation from, within & around the damaged structure.
- c) Initiate action for restoration of damaged structures.
- d) To assist the District Administration in Relief & Rehabilitation works.

The P.W.D. (Roads) division is well equipped with list of total habitation, total habitation connected by roads and total nos. of habitation to be connected. The department has prepared an inventory of details of Core Network Roads in the district, Details of status of connectivity, amount requirement to connect the unconnected habitations. The P.W.D. (Roads) Diphu division has endeavoured to collect the list of their S.A. along with their respective worker with their contact numbers and address for communication with distance from the office building. This will help the department in quick response to any disaster situation.

III) P.W.D. (Buildings) Diphu Division:

PLAN OF PWD (B), KARBI ANGLONG DISTRICT FOR DISASTER MANAGEMENT

I. Pre –Stage :

- a) To impart training to field staffs for readiness to deal with a disastrous situation..
- b) To undergo training of field staffs organised by other agencies.
- c) Investigation of existing permanent structure falling under the jurisdiction
- d) Identification of vulnerable structure based on investigation.

II. During Disaster :

- a) Act in co-ordination with DDMA.
- b) To provide and use man power for emergency services.
- c) Intimation to the higher authority of the situation from time to time.
- d) To arrange to restore the alternate routes for vehicular traffic.
- e) To arrange temporary camp for effected people..

III. Post Stage:

- a) Assessing the extent of damage to existing structures its functionality.
- b) Evacuation from, within & around the damaged structure.
- c) Initiate action for restoration of damaged structures.
- d) To assist the District Administration in Relief & Rehabilitation works.
- e) Labourers available with the department will be engaged
- f) E.E/AEE/AE/JE will issue order at site to carry out any restoration work to person/group capable of executing the work and the same will be intimated to Nodal Officer of the department and DDMA forthwith.
- g) Casual labourers at the local rate will be engaged if necessity arises and Locally available construction materials will be utilized for the work.
- h) Measurement for casual labourers engaged/materials procured and utilised will be recorded in the field book.

IV) Health Department:

The following steps are practised by the Health department, Karbi Anglong for any exigency:

1. Every hospital in the district (Govt. Sector) has a Hospital Disaster Committee formed with the members from district and hospital staff.
2. List of emergency Drugs with the quantity required
3. Emergency health teams: Mobile Health Unit; Mobile Medical Team for emergency situation (Two Nos); Task force/ Rapid Response team for outbreak investigation and management.
4. Establishment of District Health Control Room with an inventory of important contact numbers including the ambulances of the district.
5. Mobile Health Units: 1 nos. Composition : 1 Mobile Dispensary, 1 Mobile Laboratory and 1 staff carrying Vehicle, 2 Doctors, 3 Para medicals and 1 GNM. Functioning under the office of the Jt. Director of Health Services, Karbi Anglong.
6. Two mobile Medical Team have been formed at District Head Quarter with the following Officers and staff:

Team A

1.	M. &H.O.-I	-	2 nos.
2.	P.M.A.	-	1 no.
3.	H.E.	-	1 no.
4.	H.A.	-	1 no.
5.	Vacc.	-	2 nos.
6.	Grd. IV	-	2 nos.
7.	Driver	-	1 no.

Team B

1.	M. & H.O.I	-	2 nos.
2.	R.H.I.	-	1 no.
3.	H.E.	-	1 no.
4.	Vacc.	-	2 nos.
5.	Grd. IV	-	2 nos.
6.	Driver	-	1 no.

7. Functioning of Task force / Rapid Response Team for outbreak investigation and management. : District RRT is functioning from Office of the Jt. Director of Health Services with Following Members
 - Dr. N. Shyam, SD M. & H. O., D.I.O., D.S.O., IDSP.
 - Dr. B. Chakraborty, SD M. & H. O., Diphu Medical college and Hospital.
 - Dr. (Mrs.) Tanuja Bora, SD M. & H. O., Bokajan CHC.
 - Dr. P. Borauh, M.O. (Ayur.), Mohendijua SHC.
8. Functioning of District Health Control Rooms :
 - i) Control room functions during emergencies / epidemics at the office of the Jt. Director of Health Services.
 - ii) Dr. N. Shyam, SDM&HO and Dr. J. Pator, Sr. M. & H.O work as i/c of the control room during emergencies.
 - iii) Duty Roster of other staffs (One LDA, PMA, HE,RHI,SI,VACCINATOR Two ambulance drivers, one peon, one chowkidar) is prepared according to convenience during emergencies.
 - iv) Phone no. of Control room : 03671 273357 (With FAX) / 03671 272227 (With FAX).

V) Water Resource Department:

The following steps are practised by the Water Resources deptt. Karbi Anglong for any exigency:

- Preparatory measures of the department for disaster includes procurement of empty cement bags, Soil, Bamboo, Bamboo tops, Tree Tops, G.I. Wire, Labour, Lantern, Patroller Shed etc. For closing breached embankments as well as temporary measures for erosion protection.
- Protection of Anti-Erosion measures, , launching of R.C.C. Porcupine, Bamboo pallisiding, Empty Cement bags etc. are the main major works under taken by Water Resources Department. Before the flood season the WR Deptt. Through the Executive Engineer of the District normally prepares a flood preparedness plan with the following activities.
- Inspection of all dykes & other Flood Controls structures with the higher officials & field staff before the flood period.

- Identification of the vulnerable reaches (major/minor) i.e vulnerable due to erosion, vulnerable due to embankment sections, etc.
- Assigning responsibility of field staff & entrusting of specified duties at the level of khalashi, section Asstt. Section officer etc for strict vigil of the dykes/ FC structures & timely transmission of the messages from the site.
- Names of officers & field staff along with their contact numbers are furnished in the contingency plan & submitted to higher authority & the district administration.
- A map showing the routes to the vulnerable reaches from the district HQ is also furnished with the plan.
- Procurement of flood fighting materials like empty cement bags, bamboo, coir sutli, torch light etc. are done through suppliers. The materials are kept in stock in the departmental camps/ temporary sheds.
- The section I/C are the rank of assistant engineers/ junior engineers/sub engineers are directed to camp at site along with the other field staff during flood emergency.
- The control room is set up in the divisional office in the District HQ. The control room (flood cell) functions round the clock, from 15th of May up to 15th of October every year. Every control room has telephone number & Staff Mobile Number. The daily water levels are collected from the field staffs at 8am in the morning & 4pm in the evening. The water levels are observed at every hour during emergency. The daily rainfall data are done by the control room till December and sum up annually.

VI) Agriculture Department:

The following measures are adopted by the Agriculture Department, Diphu for any ensuing disaster:

Normal Phase:

- Plan and equip the Dist. to have latest technologies to assess the standing crop position, with reference to probable disaster, mechanism to advise farmers for safe guarding and in case of losses, procedures to estimate the damages and to inform State authorities.
- Collect standard data base village wise, crop wise, survey number wise, former wise data from village revenue officer (VRO)
- Ensure that regular feedback is provided by Circles indicating seriousness of disaster, level of distress, position of standing crop and likely losses.
- Districts will prepare a long term action plan for meeting relief requirements of farmers in vulnerable areas.
- Estimate drought proneness and plan for such contingencies
- Create awareness among farmers on various kinds of threats and possible mitigation measures
- Prepare departmental action plans with all plausible mitigation measures to minimize crop losses with long term perspective

Pre Disaster Phase:

- Formation of village, circle, division, and district level disaster team with other departments consisting Agriculture, veterinary, Sericulture, Fisheries, Horticulture, Revenue, Panchayat Raj, Irrigation, and Drainage etc.
- Contingency crop plans prepared by ANGRAU may be made available up-to Circle level in the month of May. Prepare vulnerability maps of villages likely to be prone in the Circle based on previous year's data (viz. irrigation sources wise areas prone to flood).
- Existing seed storage godowns (Seed store/oil seed godowns etc.) are to be repaired for storing of seeds during calamities. Formation of seed banks, construct pucca godowns to store harvested produce under Govt. schemes.
- Update credit facilities and crop insurance details from financial institutions
- Ensure that sufficient quantities of agricultural inputs such as seeds, fertilizers, pesticides, equipment and fodder are available at three levels. If necessary, they will be supplied at short notice at vulnerable areas.
- Move and position the staff meant for disaster management duties at their pre-decided places. They should move in villages and advise farmers on precautions to be taken for protecting the standing crop.
- The nodal officer should ensure that suitable instructions are issued to their field officers including their duties and function before, during and after disasters.
- Location identified for raising community nursery to cope with the seedling scarcity (Paddy) situation during and after the disaster.

Tarabasa Seed Farm (Bokulia) under Diphu Agril. Sub-Divn. With potential area of 4 (four)Ha.

Bokajan Seed Farm under Bokajan Civil Sub Divn. With potential area of 2 (Two) Ha.

- Godown facilities for storage of inputs during the disaster.
- Arrangement of proper transport facilities for carrying inputs to the disaster cite in time.
- Capacity building of the farmers to cope with the natural calamity by imparting relevant training.
- Pre Positioning of seeds and other agro inputs in strategic points so that stocks are readily available for replenishment.
- Establishment of Public information Centres with appropriate and modern means of communication to assist farmers in providing information regarding insurance compensation, repair of agro-equipments and restarting of agricultural activities at the earliest.

During Disaster Phase:

- Coordinate with Circles and Villages to get feedback on seriousness of disaster, level of distress, relief provided, steps taken for saving maximum standing crop, extent of flooded agricultural lands and estimated loss of crop.
- Dist. will direct Circles /Villages to be in close coordination with other line departments to ensure adequate relief is provided to the farming community.

Post Disaster Phase:

- Village level team should visit the vulnerable cropped area and give suitable technical advices received from MAO's.
- Ensure that adequate and timely relief/credit is made available to farmers for purchase of agricultural inputs through Govt. /private and easy loans through banks.
- Seeds, fertilizers and pesticides should be provided at subsidized rates. Ensure all relief measures, credit facilities and inputs are made available continuously to farmers till their next crop is harvested.
- Develop data base village wise crop wise, irrigation, source wise, insurance details, credit facilities tec., with an objective of forecast of damages due to disasters.
- Fodder should be supplied in sufficient quantities at low prices.
- The enumeration team while enumerating the crop loss, should also record the names of the tenant farmers, along with the owners name. They should also record extent cultivated by tenant farmer.

VII) Department of Food & Civil Supply and Consumer Affairs (Diphu Sub Divn.)

Main Prevention & mitigation measures include:-

- 1.As there is no Govt. Godown with the department hence local vendors are directed to stockpile the essential commodities before the flood season and for any disaster situation.
- 2.List of essential commodities needed at the time of disaster for relief is prepared.
- 3.List of private Godown with capacity is been prepared.
- 4.Intimation has been sent to all the P.O.L. depots of the sub division to maintain rolling reserve of M.S. and H.S.D to be used during disaster period.

VIII) Department of Public Health Engineering.

The following measures are adopted by the P.H.E Department, Diphu for any ensuing disaster:

Pre disaster actions:

- Formulation of Disaster Management Plan (DMP).
- Preparation of contingent Plan.
- Capacity Building of field functionaries and all the stake holders.
- Repair and maintenance of PWSS
- Monitoring the vulnerable areas for smooth supply of water

- Maintaining adequate trained staff at disaster prone areas and be in readiness.
- Early warning of anticipated disaster.
- Pre-locating resources useful for the anti-disaster measures.
- Data on availability of resources and buffer stocks of restoration materials.
- Identification of key personnel: with their skills and experience on the disaster management.
- Allocation of budget for emergencies.
- “Delegation of Power” at various levels for disaster conditions.
- Mutual assistance agreements signed by all power utilities for sharing men and material resources on demand.

During disaster actions:

- Field visit and reporting on affected areas within the specific time period.
- Management and handling of the prevailing situation.
- Co-ordinate with other departments/ agencies for mitigation measures.
- Assess the impact of disaster, collect feedback from the affected power utilising consumers and report to the proper quarters.
- Identify the priority areas and do the needful action for prompt power restoration.
- Media Management.
- List of Works to be carried out during Emergency for Restoration of Water Supply

1. Restoration of affected PWSS
2. Purification of drinking water purposes
3. Replacement of affected units of Treatment plant
4. Supply of safe drinking water
5. Distribution of chemical packets for purification of drinking water

After Disaster actions:

- Assessment of the actual damage in the field.
- Assess the materials and input required for restoration of water supply.
- Prompt restoration of water supply in the effected areas.
- Ensure supply and distribution of the required materials for restoration of PWSS in the affected areas.
- Implementing the DMP and contingent measures.
- Coordinate with administrative authorities.
- Media management to communicate effectively.
- Review of actions taken and mapping of Gaps in the implementation of DMP
- Reporting and documentation.
- Mobilization of damage assessment teams.
- Mobilization of teams for establishment of base camps /infrastructure.
- Officer for communication with the outside environment / press etc.
- Predefined staff for co-ordination with other agencies on restoration front.
- Management of funds and resources at the disaster front.
- The department will immediately deploy available resources and manpower to deal with the situation in consultation with the concern authority.
- The department will keep in touch with Circle officer /Control room and will provide skilled manpower for immediate relief (chemical packets for purifying of drinking water/ water supply through Truck carriage/ temporary installation of Hand Tube well subject to the supply of materials from concern authority).
- The department will instruct feild staffs to assess the damage of drinking water sources and send it to conerned authority duly countersigned by Assistant Revenue Officer.
- Will deploy mobile treatment plant.
- Distribution of leaflets for instruction to use chemical packets for purification of drinking water.

IX) Department of Power.

The following measures are adopted by the Power Department, Diphu for any ensuing disaster:

Pre disaster actions:

- Formulation of Disaster Management Plan (DMP).
- Preparation of contingent Plan.
- Capacity Building of field functionaries and all the stake holders.
- Repair and maintenance of Input Power supply lines and sub-stations.
- Functioning of 33 KV and 11/4 KV Sub-Stations and Control Rooms.
- Monitoring the vulnerable areas for smooth supply of power.
- Maintaining adequate trained staff at disaster prone areas and be in readiness.
- Early warning of anticipated disaster.
- Pre-locating resources useful for the anti-disaster measures.
- Data on availability of resources and buffer stocks of restoration materials.
- Identification of key personnel: with their skills and experience on the disaster management.
- Allocation of budget for emergencies.
- “Delegation of Power” at various levels for disaster conditions.
- Mutual assistance agreements signed by all power utilities for sharing men and material resources on demand.

During disaster actions:

- Field visit and reporting on affected areas within the specific time period.
- Management and handling of the prevailing situation.
- Co-ordinate with other departments/ agencies for mitigation measures.
- Assess the impact of disaster, collect feedback from the affected power utilising consumers and report to the proper quarters.
- Identify the priority areas and do the needful action for prompt power restoration.
- Media Management.
- List of Works to be carried out during Emergency for Restoration of Power Supply

1. Rectification of fallen poles.
2. Re-conducting/re-stringing of snapped conductors.
3. Replacement of faulty distribution transformers.
4. Rectification of fallen LT/HT lines.
5. Clearing of fallen trees/branches.

After Disaster actions:

- Assessment of the actual damage in the field.
- Assess the electrical materials and input required for restoration of power supply.
- Prompt restoration of power supply in the effected areas.
- Ensure supply and distribution of the input materials in the affected areas.
- Implementing the DMP and contingent measures.
- Coordinate with administrative authorities for compensation due to loss from the Electrical Accidents.
- Media management to communicate effectively.
- Review of actions taken and mapping of Gaps in the implementation of DMP
- Reporting and documentation.
- Clear hierarchy of command system.
- Mobilization of damage assessment teams.
- Mobilization of teams for establishment of base camps /infrastructure.
- Officer for communication with the outside environment / press etc.
- Predefined staff for co-ordination with other agencies on restoration front.
- Management of funds and resources at the disaster front.

X) Irrigation Department.

Prevention and Mitigation plan:-

Disaster may occur in the forms of flood, earthquake, cyclone, storms, fire, landslide, erosion, etc. An effective prevention and mitigation plan may be minimized the loss of life and property and accordingly, the following aspects have been laid down in this regards.

- All RCC structures like canal, culverts have to be designed considering seismic parameter . Besides that, a newly proposed schemes will be shifted from the erosionable bank of river to suitable site with necessary survey after evaluation of such project.
- Protection of RCC canal has to be done with boulder pitching, boulder apron at appropriate position.
- Repair of already flood damaged stretches.
- Construction of causeways in locations those are more vulnerable during breaching of river guide bunds to pass out flood water safely without damaging the Schemes.
- Cleaning of existing cross culverts, canal structures to regulate the water flow.
- Repairs of existing damaged culverts of schemes and construction of new culverts as per requirement.
- Conversion of into permanent RCC canal, Head works.
- Construction of stabilized schemes of less vulnerable to resist natural disaster like earthquake, flood etc.
- Adopt, accept and implement latest technical know how and skill in construction industry for more acceptability .
- Introduce various codes of practices and recommendations as received from the various competent organizations.
- The core investigation technical teams identify the vulnerable prone areas and structures to repairing and restoration of the Schemes.
- Establish mitigation fund within the department
- A key Irrigation map(contour map) of the district under the jurisdiction of the division which will guide the supply of materials and equipments to the concerned points from the storage place thereof.
- Regularly capacity building training for staff to be undertaken for vulnerability assessment of critical lifelines and developed mitigation options at the monthly review meeting especially for disasters at the division/sub-Divisions.

XI) Department of Education.

PREVENTION & MITIGATION

The prevention and mitigation measures to be taken at the time of different types of disasters can be discussed as follows-

1) Earthquake: -

- a) Comprehensive awareness in all levels.
- b) Structural items of buildings should be as per safety norms.
- c) Readiness of first- aid-box.
- d) A bag containing whistle/alarm, food, water.
- e) Conduct of mock drill at regular interval.
- f) Not be panic stricken.
- g) Giving direction to come out to the safer place.
- h) Avoidance of rushing and stamping.
- i) Shelter may be taken under the table, desk-bench, and corner of the room.
- j) Switching off the light, fan and other electrical devices and the regulator/ nobs of gas cylinder.
- k) Conduct of Mock drill in schools at regular intervals.

2) Flood: -

- (a) Past history should be known from earlier records of the occurrence.
- (b) Shifting of documents/papers/properties to the safer places.
- (c) Provision of temporary shade for the classes during flood.
- (d) Information to be given to the District and Block authority.

- (e) Co-ordination with the neighbouring community for their help.
- (f) Early warning be made for alarming the pupils.
- (g) Boats and shallows to be kept ready for carrying the pupils to the safer places.
- (h) Potable water to be made available during flood (special care should be taken).

3. **Erosion:** -

- (1) Construction of porcupine by flood control deptt.
- (2) Re-location/shifting of school to safer places.
- (3) Plantation for erosion either by the Deptt. concerned or by the school Disaster Management Committee or the students.
- (4) School building should be easily shiftable mode.
- (5) Careful selection of School site- should be constructed in a reasonable distance from the river site.
- (6) Transportation facilities like boats, ships, shallows should be readily available to avoid the situation of decrease of enrolment of students in school.
- (7) Tents should be made available to the erosion prone school.

4. **Storm:** -

- (a) Checking and repairing of school building before monsoon, with the help of technical experts.
- (b) In case of deleterious condition of school room, building, the school authority should take direction not to use the same.
- (c) Cutting of branches of trees touched with the roof of the building of the school.
- (d) Construction of School building as per storm resistance norms.
- (e) Construction of strong boundary walls with sufficient height.
- (f) Plantation should be at reasonable distance.
- (g) High tension line should be as per norms.
- (h) Alarm to be given to the pupils so that they do not go outside in any case.
- (i) Emergency light to be kept ready.

5. **Fire Incident:** -

Prevention: -

- (i) Electrification and electrical wires in school buildings should be checked by technician at regular intervals.
- (ii) Fire extinguishers are to be installed in every school; existing Fire extinguisher should be checked from time to time. Training for using fire extinguishers to be imparted.
- (iii) School heads should have with him the phone numbers of Police Station, Fire Brigade and District Disaster Management Authority & the DC Office.
- (iv) Sufficient numbers of doors and specious corridors in school buildings.
- (v) Sufficient number of staircase should be available in multi -stories school buildings.
- (vi) Mid day meal kitchen should be checked after MDM every day.
- (vii) Sufficient nos. of sand buckets should be kept ready.
- (viii) First Aid Boxes are to be provided to every school.

Mitigation: -

- (a) Early alarm to be given to the pupils on the occurrence of fire.
- (b) Community should be immediately called to prevent the situation.
- (c) Teachers should take initiative to take out the pupils from the class room immediately.
- (d) Switch off the electrically connected devices.

6. **Food Poisoning:** -

- (i) Avoid damaged and stalled food.
- (ii) Storage of food hygienically.
- (iii) Make habit among children hand wash before taking food.
- (iv) To aware school children the affect of food poisoning.
- (v) To call 108/107 Ambulance for immediate hospitalization and treatment.

7. Conflict/Violence: -**Prevention: -**

- (a) Creation of awareness among common people of the surrounding area of the school for maintaining peace and harmony.
- (b) Proper education should be imparted for developing a sense of tolerance, fraternity and co-existence.
- (c) Students, teachers and guardians and SMDC should be adequately trained up to prevent the violence.

Mitigation: -

- (i) Immediate information to local Police Station & D.M Authority.
- (ii) Taking immediate steps for Medical treatment for the victimized pupils.
- (iii) Arrangement of relief and rehabilitation with D.M. Authority / local people / NGO etc should be made such a way that studies are not affected.
- (iv) Free text books supply to the students should be fully ensured.

XII) Veterinary Department.**Pre-disaster:-****Measure for early warning:**

Any information received from State or District Administration, information is to convey field level through Mass media like TV, Radio, Press, whatsapp, warning have also been considered for early preparedness. In case of any disease epidemic confirmation report either in the State or in bordering areas of neighbouring state, Animal Husbandry Department apprise the Government. The DVO will apprise the District Administration about the protocol to be followed from time to time issued by the Central/State Government. The State and District Control room are activated to function round the clock in the district Head and sub divisional head quarter. Awareness and training programme are held to face rescue operation for any kind of disaster management from veterinary point of views. Pre flood vaccination for livestock and birds are taken in flood prone area every year to prevent the out breaks of infections diseases during or after flood.

During Disaster :- When flood occurs rescue and relief operation will be taken by the trained paravets [IRT] with civil administration by procuring boats, trucks etc to rescue and transport the livestock and poultry to highland and safety shelter area.

Post Disaster :-**SUPPLY OF FEEDS AND FODDER**

Post disaster management includes supply of feeds and fodder, feed supplements, preventive medicines etc to prevent any spread of diseases mainly diarrhea, dysentery, as after any kind of disaster, shortage of feed is most common, to cope up with the situation buffer stock will be kept ready at feed mixing plant Diphu and Duck farm Phuloni.

Deworming of the Animal:

The deworming is one of the major steps to be taken up as after any disaster like flood, drought etc animal become more prone to the parasitic infestation resulting malnutrition of the animal which cause prone to many disease.

Treatment of sick animals:

The affected injured / sick animals and birds are to be treated as immediately as possible as per the requirement. The existing inventory of medicines is to be utilised. Once flood recedes, the field staff/veterinary teams formed will visit all the approachable villages and take up treatment of injured and ailing animals. The veterinary teams will conduct preventive vaccinations against contagious diseases in the area.

Disposal of Carcass of Dead livestock

Disposal of the carcass are one of the major step to be taken at post disaster phase with the help of Municipalities/Gram Panchayats/BDOs/Town committees for removing animals likely to become health hazards. Necessary arrangement should be made for prompt and easy disposal of carcasses during the Disaster and Post-Disaster period. The District veterinary Officer along with the teams will advise the local administration and revenue officials to take up prompt disposal of carcasses to prevent epidemics. The local VAS/EO Vety/VFA should keep all the

records of dead livestock if any in his/her jurisdiction with all relevant information (age, colour, sex, and preferably owners name & address) before burial. No carcass should be buried by the Carcass Disposal Team (CDT) engaged without the consent of local to facilitate compensation measures if Govt. Desires. It is advisable to use some govt. public land for disposal of carcass.

v. Loss and Damage Assessment:

VAS/EO Vety/VFA will do verification jointly with Local Govt. Village Headman will assess the real loss of livestock / shed / pen etc. Local administration/KAAC authority will distribute the compensation as per norms.

Chapter- 6 **Capacity Building and Training Measures**

Capacity Building trainings are imperative to impart to all stakeholders for prompt response during any emergency situation. DDMA Karbi Anglong with support of ASDMA has organized various training and awareness programme at various level. Looking into the past disaster situation DDMA Karbi Anglong has considered various programmes for the district but to implement these activities fund from will be needed from ASDMA ;

Capacity Development Plan in the DDMP						
Broad Area of Training	Training for which hazard	Training purpose	Who will be trained	No of stakeholder involved in the training	Fund Source	Time of the year when the training will be provided (Month)
Capacity Building training on First Aid	Flood/Storm,etc	People to get acquaint with emergency first aid	Women SHGs, Children, Teachers, volunteers	50 people in 10 nos. of groups	DDMA has no fund	
Capacity Building training on First Aid & Roles and responsibilities of the members		To strengthen the VDMC members	VDMC members	20 people in 30 groups		
Capacity Building training on safe drinking water, sanitation, etc.		People to get acquaint with safe drinking water, sanitation, etc.	Community people	40 people in 10 nos of groups		
Capacity Building training on First Aid & search and rescue for PB Volunteers		To strengthen the PB Volunteers for response	PB Volunteers	20 people in 8 groups		

Chapter- 7

Response Plan and Relief Measures

The aim of emergency response is to provide immediate assistance to maintain life, improve health, and to support the morale of the affected population. Such assistance may range from providing specific but limited aid, such as assisting refugees with transportation, temporary shelter, and food, to establishing semi-permanent settlement in camps and other locations. It also may involve initial repairs to damaged infrastructure. The focus in the response phase is on meeting the basic needs of the people until more permanent and sustainable solutions can be found.

For smooth and effective response phase in case of any disaster Govt. of Assam have adopted the Incident Response System which was notified as followed :-

7.1 Aims of disaster response:

The overall aims of disaster response are:

- To ensure the survival of the maximum possible number of victims, keeping them in the best possible health in the circumstances.
- To re-establish self-sufficiency and essential services as quickly as possible for all population groups, with special attention to those whose needs are greatest: the most vulnerable and underprivileged.
- To repair or replace damaged infrastructure and regenerate viable economic activities. To do this in a manner that contributes to long term development goals and reduces vulnerability to any future recurrence of potentially damaging hazards.
- In situations of civil or international conflict, the aim is to protect and assist the civilian population, in close collaboration with National and International agencies.
- In cases involving population displacements (due to any type of disaster) the aim is to find durable solutions as quickly as possible, while ensuring protection and assistance as necessary in the meantime.

7.2 Warning:

Warning refers to information concerning the nature of the danger and imminent disaster threats. Warnings must be rapidly disseminated to government officials, institutions and the population at large in the areas at immediate risk so that appropriate actions may be taken, namely, either to evacuate or secure property and prevent further damage. The warning could be disseminated via radio, television, the written press, telephone and PA system, VHF equipments and cell phone.

State Emergency Operation Centre (SEOC) disseminates FLEWS / Weather warning forecast to following contact nos. of the district for taking preparedness steps in advance –

A. SEARCH AND RESCUE TEAM:-Incharge- S.P., Karbi Anglong, Ph. No. 03671-272254

Sl.No	Designation	Department/Agency	Ph. No.
1	Superintendent of Police, Karbi Anglong	Police	6026900748
2	Station Sub-Officer, Fire&Emergency Service-Diphu, Bokajan, Howraghat	Fire Fire&Emergency Service	Diphu-7002295375 Bokajan-8011805661 Howraghat-9706174473
3	Executive Engineer PWD (R)Diphu	PWD (Roads)	9435168468/7002660679
4	Executive Engineer PWD (B) Diphu	PWD (BLDG)	7002731967/8011190327
5	District Commander, Home Guards	Home Guards	9127072351/9508686785
6	Youth Coordinator	Nehru Yuva Kendra	03671-273102
7	Assistant Deputy Controller (Sr.)	Civil Defence	7002485249

B. FIRST AID TEAM: Incharge: Jt. Director Health Services, Karbi Anglong, Ph. No.9435166079

Sl.No	Designation	Department/Agency	Ph. No.
1	Jt. Director Health Services, Diphu	Health	9435166079
2	Assistant Deputy Controller (Sr.)	Civil Defence	9706919070
3	District Commandant, Home Guards	Home Guard	9435041329
4	District Social Welfare Officer (i.c), Diphu	Social Welfare	7002391248

C. SHELTER MANAGEMENT TEAM:-Incharge: ADC (DM), Karbi Anglong, Ph. No. 6000262624

Sl.No	Designation	Department/Agency	Ph. No.
1	Project Director, DRDA, Diphu	DRDA	9957014387
2	ADC (Disaster Management), Diphu	Administration	6000262624
3	S.P. Diphu	Police	6026900748
4	ARO, Diphu	Revenue	8011232873
5	ARO, Silonijan	Revenue	7002064417
6	ARO, Phuloni	Revenue	9435167638/ 8876129947
7	SDO, Bokajan	Administration	9678943402
9	District Transport Officer, Diphu	Transport	8876513599
10	Inspector of Schools, Diphu	Education	8011789791
11	District Elementary Education Officer, Diphu	Primary Education	9435067172
12	Executive Engineer, PWD (BLDG)	PWD (BLDG)	7002731967
13	Executive Engineer, ASEB, Diphu	Electricity	9435188908

D. RELIEF MANAGEMENT TEAM:-Incharge: ADC (DM), Karbi Anglong, Ph. No. 6000262624

Sl.No	Designation	Department/Agency	Ph. No.
1	ADC, Disaster Management, Diphu	Administration.	6000262624
2	Superintendent of Police, Diphu	Police Administration.	6026900748
3	Deputy Director, Food & Civil Supply, Diphu	F&CS	7002264316
4	ARO (Diphu, Phuloni, Silonijan)	Revenue.	Diphu-8011232873 Phuloni-8486020699 Silonijan-7002064417
5	Asstt. Deputy Controller (Sr.)	Civil Defence	9706919070

E. DAMAGE ASSESSMENT TEAM: Incharge: ADC (DM),Karbi Anglong, Ph. No. 6000262624

Sl.No	Designation	Department/Agency	Ph. No.
1	ADC, Disaster Management, Diphu	Administration.	6000262624
2	Project Director, DRDA, Diphu	DRDA.	9957014387
3	SDO (C) – Bokajan	Administration.	Bokajan-9678943402
4	ARO (Diphu, Phuloni, Silonijan)	Revenue Circle	Diphu-8011232873 Phuloni-8486020699 Silonijan-7002064417
5	DAO, Diphu	Agriculture	9435169066
6	DVO, Diphu	Veterinary	7002893587
7	EE, Irrigation, Diphu	Irrigation	9678132115
8	EE, PWD (R) , Diphu	PWD (R)	9435166468
9	EE, PWD (B) , Diphu	PWD (B)	7002731967

F. PATROLLING TEAM:- Incharge: S.P., Karbi Anglong, Ph. No. 03671-272254/6026900748

Sl.No	Designation	Department/Agency	Ph. No.
1	Superintendent of Police, Diphu	Police Administration	6026900748
2	SDO (C) - Bokajan	Administration.	Bokajan-9678943402
3	The Chairman (Diphu, Bokajan, Howraghat, Dokmoka, Bakalia, Langhin) Town Committees.	Municipal Administration.	Diphu-8638203643 Bokajan-9706486343 Howraghat-7002843669

			Dokmoka-8011372445 Bakalia-9101439898 Langhin- 7002695683
4	ARO(Diphu, Phuloni, Silonijan)	Revenue Circle	Diphu-8011232873 Phuloni-8486020699 Silonijan-7002064417
5	Assistant Deputy Controller (Sr.),	Civil Defence	9706919070

G. CARCAS DISPOSAL TEAM:- Incharge: S.P, Karbi Anglong, Ph. No. 03671-272254/6026900748

Sl.No	Designation	Department/Agency	Ph. No.
1	Superintendent of Police, Diphu	Police Administration	6026900748
2	District Animal Husbandry & Veterinary Officer, Diphu	Veterinary Deptt.	9954498339
3	The Chairman (Diphu, Bokajan, Howraghat, Dokmoka, Bakalia, Langhin) Town Committees.	Municipal Administration.	Diphu-8638203643 Bokajan-9706486343 Howraghat-7002843669 Dokmoka-8011372445 Bakalia-9101439898 Langhin-7002695683
4	Dy. Director, Town & Country Planning	Town & Country Planning	8638703621
5	Assistant Deputy Controller (Sr.),	Civil Defence	9706919070

H. DUTIES AND RESPONSIBILITIES OF THE OFFICIALS:

1. To plan, organize and make systematic rescue and relief operation in the District.
2. To co-ordinate the efforts of the Govt. deptts. in connection with the relief operation.
3. To co-ordinate and liaise with the activities of both rescue and relief operation of the Revenue Circles area.
4. To make arrangement for enforcement of trained manpower for rescue and relief operation by Civil Defence and to make use of light rescue of Civil Defence.

7.2 Search & Rescue (SAR):-

Search and rescue (SAR) is the process of identifying the location of disaster victims that may be trapped or isolated and bringing them to safety and medical attention. In the aftermath of Cyclone and Floods, SAR usually includes locating stranded flood victims, who may be threatened by rising water, and either bringing them to safety or providing them with food and first aid until they can be evacuated or returned to their homes. In the aftermath of Earthquake or Landslide, SAR normally focuses on locating people who are trapped and/ or injured in collapsed buildings.

For Search & Rescue the DDMA has developed teams at Revenue Circle level.

7.3 Quick Response Team:-

DDMA, Karbi Anglong has formed a quick response team with the personnel from Police, Fire Service and Home Guards who will cover the whole district according to their jurisdiction area. The team will be responsible for providing quick response at the site and carrying out search & rescue operations at the affected areas. DDMA is planning for training programmes with the help of Govt. for the team on different search & rescue skills for better performance in the field.

The Quick Response Team will act as per the direction of the Deputy Commissioner.

7.4 Law and Order:

During a disaster situation the affected families are shifted to the safer places. It helps the Revenue Department to carry out relief work without any hindrance during disaster period and safeguard the properties of the victim. Police Department will arrange law and order against theft in the disaster-affected area and co-ordinate with the search and rescue operation. The department will also arrange for security at the relief camps/relief material storages and patrolling at the affected cites. It is also responsible to maintain law and order at the time of distribution of relief

material. It assists the authorities for evacuation of people to the safe places. It makes due arrangements for post mortem of dead persons, and legal procedure for speedy disposal. It specially protects the children and the women at the shelter places.

7.5 Public Grievances /Missing Persons Search:

A committee at the district level has to be constituted under the chairmanship of the District Collector to address the grievances of the public regarding missing persons. The search and rescue team should search for the missing persons living or dead.

7.6 Animal Care:

The animal husbandry department with necessary equipments in case of cattle death in the affected areas for the disposal of carcass with a view to restoration of public life and result oriented work. Make arrangements to treat the injured cattle. To vaccinate the animals against various diseases. Arrangement for pets and cattle should be made separately.

7.7 Management of Deceased:

The Carcasses Disposal team is responsible for clearing of carcasses after the disaster. The team should put in all efforts to check spread of diseases by disposing off the carcasses at the earliest and in the right manner. The health department will immediately start the procedure for post mortem of the dead persons as per the rules. Disposal of dead bodies is to be carried to prevent the outbreak of epidemics. Arrangement should be made to issue death certificates of the deceased to the relatives.

7.8 NGOs and Voluntary Organizations:

NGOs and voluntary organizations are the first to respond before any outside assistance can reach the disaster site. In certain disaster prone areas a group of young volunteers are to be formed and trained to undertake essential tasks which would reduce loss of life and property. The voluntary organizations would contribute in ensuring:-

1. Communication links both within the community and with the administration.
2. Controlling rumours and panic behaviour by undertaking confidence building activities.
3. Organizing local work teams for immediate rescue, and relief e.g. cooked food, first aid, and assistance in Law & Order
4. Guarding major installations and evacuated properties till the administration takes over.

7.9 Involvement of Defence and Paramilitary Forces:

At district level whatever help would be required during disaster that will be immediately informed to the various departments by the district collector and possible support NGOs and other line agencies in the district would be tapped up. If the District Collector thinks he can seek for help and assistance from the defence and paramilitary force.

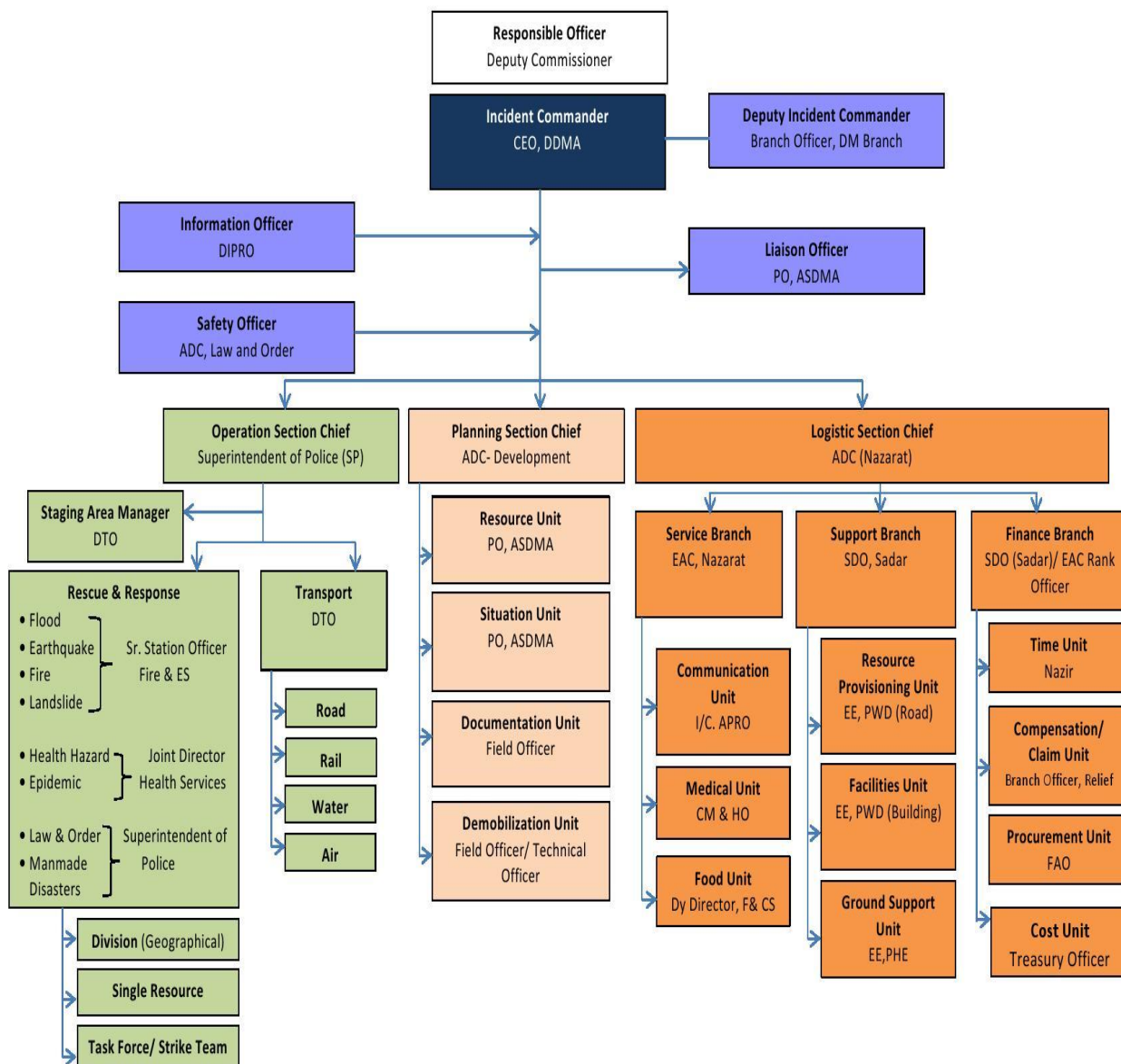
SI No	Agency Name and Address	Contact No
1	20 th BN C.R.P.F. Birla Plywood Factory, Birla, Diphu	03671-274757
2	Assam Rifles Training Center Diphu	03671-272030

7.10 Incident Response System

The Incident Response System or IRS broadly refers to a management tool to be used during various disasters whether natural or manmade. The system is flexible and adaptable to suit any scale of emergency/incidents as it can be either scaled up or down as per the requirement. The main intention in using IRS is to transform the confusion during the early stage of an emergency situation into a well-managed response process.

The Government of Assam has accepted Incident Response System (IRS) as the preferred disaster response system in the State. For implementation of the same District level Incident Response Team (IRT) has been notified.

Annexure-II

INCIDENT RESPONSE TEAM- DISTRICT LEVEL

GOVERNMENT OF ASSAM
REVENUE AND DISASTER MANAGEMENT DEPARTMENT
DISPUR :: ASSAM

NOTIFICATION

No. RGR/ASDMA/08/ 2014/ 02


Dated 20th May 2014

Government of Assam has accepted Incident Response System (IRS) as the preferred disaster response system in the State. For implementation of the same the District level Incident Response Team (IRT) is hereby notified as follows-

- | | |
|--|--|
| 1. Responsible Officer: | Deputy Commissioner |
| 2. Incident Commander: | Chief Executive Officer (CEO), District Disaster Management Authority (DDMA) |
| 3. Deputy Incident Commander: | Branch Officer, Disaster Management (DM) Branch |
| 4. Safety Officer: | Addl. Deputy Commissioner, Law and Order |
| 5. Liaison Officer: | Project Officer, District Disaster Management Authority (DDMA) |
| 6. Information & Media Officer: | District Information and Public Relation Officer (DIPR) |
| 7. Operation Section Chief: | Superintendent of Police (SP) |
| a. Staging Area Manager: | District Transport Officer (DTO) |
| b. Rescue & Response Branch: | |
| i. Natural Disasters: | Sr. Station Officer, Fire & Emergency Service |
| ii. Epidemic & Health Hazard: | Joint Director, Health & Family Welfare |
| iii. Manmade Disasters: | Superintendent of Police |
| c. Transport Branch (Road, Rail, Water & Air Unit): | District Transport Officer (DTO) |
| 8. Planning Section Chief: | Addl. Deputy Commissioner, Development |
| a. Situation Unit: | Project Officer, DDMA |
| b. Resource Unit: | Project Officer, DDMA |
| c. Documentation Unit: | Field Officer, DDMA |
| d. Demobilization Unit: | Field Officer/ Technical Officer, DDMA |
| 9. Logistic Section Chief: | Addl. Deputy Commissioner, Nazarat |
| a. Service Branch: | EAC, Nazarat. |
| i. Communication Unit: | In-charge, APRO |
| ii. Medical Unit: | CM & HO, Health & FW Dept. |
| iii. Food Unit: | Deputy Director, Food & Civil Supply Dept. |
| b. Support Branch: | SDO, Sadar |
| i. Resource Provisioning Unit: | Executive Engineer, PWD (Road) |
| ii. Facilities Unit: | Executive Engineer, PWD (Building) |
| iii. Ground Support: | Executive Engineer, PHE |
| c. Finance Branch: | SDO, Sadar/ EAC Rank Officer |
| i. Time Unit: | Nazir |
| ii. Compensation/ Claim Unit: | Branch Officer, Relief Branch |
| iii. Procurement Unit: | Finance & Accounts Officer (FAO) |
| iv. Cost Unit: | Treasury Officer |

The District Level Incident Response Team (IRT) will be activated by the Responsible Officer in the event of occurrence of any major emergencies/ disasters.

This will come into force with effect from the date of publication of this notification.


 (Shri Jitesh Khosla)
 Chief Secretary to Government of Assam
 Dispur, Guwahati-06

Chapter-8

Reconstruction, Rehabilitation and Recovery Measures

Rehabilitation and reconstruction comes under recovery phase immediately after relief and rescue operation of the disaster. This post disaster phase continues until the life of the affected people comes to normal. This phase mainly covers damage assessment, disposal of debris, disbursement of assistance for houses, formulation of assistance packages, monitoring and review, cases of non-starters, rejected cases, no occupancy of houses, relocation, town planning and development plans, awareness and capacity building, housing insurance, grievance redresses and social rehabilitation etc.

8.1 Post Disaster Reconstruction and Rehabilitation:

Post disaster reconstruction and rehabilitation should pay attention to the following activities for speedy recovery in disaster hit areas. The contribution of both government as well as affected people is significant to deal with all the issues properly.

- Damage assessment
- Disposal of debris
- Disbursement of assistance for houses
- Formulation of assistance packages
- Monitoring and review
- Cases of non-starters, rejected cases, non-occupancy of houses
- Relocation
- Town planning and development plans
- Reconstruction as Housing Replacement Policy
- Awareness and capacity building
- Housing insurance
- Grievance redress.

8.2 Administrative Relief:

The district is the primary level with requisite resources to respond to any natural calamity, through the issue of essential commodities, group assistance to the affected people, damage assessment and administering appropriate rehabilitation and restoration measures.

The district level relief committee review the relief measures. When a disaster is apprehended, the entire machinery of the district, including the officers of technical and other departments, swings into action and maintains almost continuous contact with each village in the disaster threatened area.

8.3 Reconstruction of Houses/Roads Damaged / Destroyed:

PWD (Roads) and PWD (Buildings) division

1. Pre & Post Disaster:- As PWD (Roads) Diphu Divn and PWD (Buildings) Div. is an executive authority wherein all construction/ improvement works are executed through an agency or contractor, the restoration/ re-construction works during Pre & Post disaster period will be carried out as per existing APWD norms / specification and procedures as current in the state.

2. During Disaster (Emergency Work):-

(A) Execution through other agency/ contractor:

1. EE/AEE/AE/JE will issue order at site to carry out any restoration work to any person/ group capable to execute the work and the same will be intimated to nodal officer of the department and DDMA forthwith.

2. As far as possible, work will be negotiated as per current SOR of APWD/ Local market rate else the same will be allotted at the rate agreed upon at the site itself.

3. Measurement recorded in the field book will be excepted for payment. Payment will be made from the budget allocation of disaster management or any other source mobilized/ arranged by the DDMA.

(B) Departmental execution:

1. Labourers available with the department will be engaged.
2. Casual labours at the local rate will be engaged if necessity arises.
3. Locally available construction materials will be utilised for the work.
4. P.O.L. will be procured from the nearest petrol depot.
5. Measurement for casual labours engaged/ materials procured and utilised will be recorded in the field book.
6. Cash payment for casual labours and materials purchased will be arranged as per the norms.

(C) Other Methods and Norms of Reconstruction:

- Owner Driven Reconstruction
- Public Private Partnership Program (PPPP). Under the PPPP the houses are reconstructed by the NGOs for the beneficiaries
- All the houses should be insured.
- Financial, technical and material assistance provided by the government.
- The designs for seismic reconstruction of houses provided by the government.
- The material assistance provided through material banks at subsidized rates.

8.4 Military Assistance:

If the district administration feels that the situation is beyond its control then immediate military assistance could be sought for carrying out the relief and rehabilitation operations including construction. Military carries out temporary construction works for road clearance, construction of emergency bridges, shelter places, camps, distribution of relief materials etc.

8.5 Medical Care:

Specialized Medical Care may be required to help the affected population. Preventive medicine may have to be taken to prevent outbreak of diseases. Vaccination after the disaster is very much important to prevent any disease to spread.

8.6 Epidemics:

In the relief camps set up for the affected population, there is a likelihood of epidemics from a number of sources. The strategy should be to subdue such sources and immunize the population against them. The public health centres, health departments can practice vaccination drives, public awareness to drink boiled water, use chlorine tablets to purify the water sources.

8.7 Salvage:

A major effort is needed to salvage destroyed structure and property. Essential services like communications, roads, bridges, electricity would have to be repaired and restored for normalization of activities. The process may take few days to several months. It mainly depends on the preparedness measures of the department to cope up with the situation.

8.8 Outside Assistance:

During disaster situations, considerable relief flows in from outside, thus there is an immediate need to co-ordinate the relief flow so that the maximum coverage is achieved and there is no duplication of work in the same area. Again the outside relief should be monitored so that the necessary items are made available.

Chapter-9

Financial Resources for implementation of DDMP

Plan of action by respective Line Departments as per hazard are enclosed as Annexure No.8

Chapter-10

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

The existence of a Disaster-preparedness plan plays a vital role during Disasters. The officials then have at their hand, a complete set of instructions which they can follow and also issue directions to their subordinates and the affected people. This has the effect of not only speeding up the rescue and relief operations, but also boosting the morale of affected people.

Disaster plan is also useful at pre-disaster stage, when warnings could be issued. It also proves as a guide to officials at the critical time and precious time is saved which might otherwise be lost in consultations with senior officers and getting formal approval from the authorities.

Keeping all these points in mind the DDMP must be evaluated and updated by the district administration in normal time.

10.1 Plan Evaluation:

The purpose of evaluation of DDMP is to determine

- The adequacy of resources
- Co-ordination between various agencies
- Community participation
- Partnership with NGOs

The plan will be updated when shortcomings are observed in

- Organizational structures
- Technological changes render information obsolete
- Response mechanism following reports on drills or exercises
- Assignments of state agencies

Individuals and agencies assigned specific responsibilities within this Plan will prepare appropriate supporting plans and related standard operating procedures, periodically review and update alerting procedures and resource listings, and maintain an acceptable level of preparedness.

10.2 Plan Update:

The DDMP is a “living document” and the Deputy Commissioner along with all line departments will update it every year taking into consideration

- The resource requirements
- Update of human resources
- Technology to be used
- Co-ordination issues

An annual conference for DDMP update will be organized by the Deputy Commissioner. All concerned departments and agencies would participate and give recommendations on specific issues.

The plan is handy and precise. It is so designed that it will definitely help the officials to take quick actions during the disaster.

Chapter-11

Standard Operating Procedures (SOPs) and checklist

11.1 Standard Operating Procedures of the Line Departments:

11.1.1 Revenue Department

A. Normal Time Activities

- A map of disaster prone areas in the district, history of the district, geographical conditions occupational details, settlements, rain, irrigation and industries etc.
- Safe alternative routes to utilize during disaster in the disaster prone areas.
- List of key officers of all the departments, staff, vehicles and buildings.
- Details of control room arrangement.
- Details of food grain storage places in the district and the Fair Price Shops.
- Details of vehicles, boats and equipments available in the district for rescue operation.
- Setting up of communication to communicate the messages from village to village.
- List of NGOs and self-help groups and their addresses and phone numbers in the circle.
- Orientation Training to various District level officers and departments for effective functioning of control room, co-ordinations and operations.
- Hazard analysis, seasons, and possibilities of disasters and review of disaster history.
- Review of disaster prone areas, risks, response plan, resource and utility of resources
- To update the DDMP.
- To check the condition of safe shelter during his visits in the district places and if necessary gets it repaired by co-coordinating with the local authorities, available financial resources and voluntary organizations.
- Repairing of roads and ways leading to safe shelters by co-ordinating with various development plans/schemes.
- To co-ordinate scheme for poverty eradication, self-employment and the development schemes of other departments.

B. On receiving the warning

- Assigning the work as to what to be done by which officer in case the disaster hits.
- Will review and have co-ordination task.
- Will alert and activate the functionaries related to early warning and communication looking to the possibilities of disaster and will see that the messages are intimated to all concerned.
- Will send the vehicles with mikes and sound system for the areas of top priorities.
- Will instruct all the staff to remain present at their respective places.
- Shifting the people living in low lying areas, seashores, economically weaker people socially and economically backward families and houseless families to safe places.

(C) Post disaster activities

- Will segregate the villagers and areas victimized by the disaster and activate the DMTs.
- Will guide the team members about the payments of relief accident to damage as per the rules and policies of the government before the start of duty.
- Will make arrangements for the transportation and distribution of Govt. relief amount and materials.
- Will make due arrangements to see that there should be no haphazard distribution of relief material so that needy people are not deprived of it.
- Will arrange for drinking water and essential things at community kitchen / relief camps as per the necessity.
- Will work out the primary estimates of the damage.
- Will undertake the rescue operations to save the trapped people through DMTs trained police personnel and swimmers on need base.
- Will requisite more vehicles for rescue work, shifting the people to temporary/permanent dispensary for treatment through DMTs, Home Guards, Local Police, Para Military Forces etc.
- Will arrange for identification of the people, who died, maintain the dead bodies till legal procedure is over.

11.1.2 Police Department

A. Normal Time Activities

The Superintendent of Police will co-ordinate the work of disaster management as nodal officer. He will prepare a separate and comprehensive plan of district regarding the department of police and also prepare details of resources as a part of DDMP. He will consider the following in it.

- Details of contacts of all the staff members under the district.
- Maps and statistical data of district areas.
- Resources and human resources useful at the time of disaster. Details of police staff and retired officers/staff of the police and the control room.
- Details of functions of staff of the district control room.
- Appointment of the nodal officer in the control room.
- Details of anti-social elements.
- Immediate police procedures for human death.
- Adequate equipments for communication.
- List of swimmers and other skilled persons.
- Wireless stations in the district and communication network.
- To update the related details of Disaster Management Plan.
- Identification of all vulnerable places, building, market place etc.
- Training for Police, HG, VDPs and proper briefing on search & rescue and first aid.

(B) On receiving the warning:

- Evacuation of public from low lying area on receipt of flood warning.
- Quick dissemination of information.
- Traffic management in the roads to the affected area.
- Security of property and maintenance of law and order in the affected area.
- Supplement resource from HG and VDPs for search & rescue and evacuation activities.
- To ensure enforcement of essential commodity act.
- A joint control room of all the forces would be set up for better co-ordination among various security agencies.
- In case of IED blast bombs disposal squad would be kept ready and put into operation whenever necessary.
- As the first responder police would rush to the site of the explosion immediately on getting the information and access the situation and send information to the higher authority.
- Earmarking of areas where blast had taken place and special action plan of dividing such areas into zones and deployment of manpower in those areas.
- Chemical and biological weapons are referred to as 'The Poor Man's Atomic Bomb'. Protection against some of the infections occurred by chemical & biological weapons can be achieved by advance immunization and other medical procedures.

(C) Post Disaster activities:

- Will arrange law and order against theft in the disaster affected area.
- Will co-ordinate the search and rescue operation and all other assistance to the affected people in case of earthquake & flood.
- Will arrange for security at the relief camps/relief materials storage.
- Will see the law and order is maintained at the time of distribution of relief material.
- Will assist the authorities for evacuation of people to the safer places.
- Will make due arrangements for post mortem of dead persons, and legal procedure for speedy disposal and regular updation of the list of missing and dead person.
- Take video / Photograph of the death, casualties caused by disaster.
- Call for a re-enforcement for materials required for rescue operations.

11.1.3 Health Department:

A. Normal Time Activities

While preparing the DDMP / updating the same, the health department shall take care to include the following particulars carefully.

- A separate plan for disaster management regarding health.
- Arrangements for exchange of information in the control room.
- Appointment of nodal officer.
- Advance arrangements for life saving medicines, insecticides and vaccines.
- Maintenance of vehicles such as ambulance and other equipments such as generators etc.
- Distribution of work by forming groups of staff during emergency.
- List of private practicing doctors / medical facilities.
- Arrangement for survey of disaster.
- Mobile dispensary units.
- Information regarding proper places for on the spot medical services in various villages during disaster.
- Dissemination of information among the people regarding the death, injury. Primary information of disaster related relief activities to all the staff members.
- Training to PHC / Community Health Centre staff to prevent spreading of diseases among the people, animals, and advance planning for the same.
- Blood group wise list of blood donors with contact telephone numbers and addresses.
- Training of DMTs regarding first aid.
- To prepare an action plan for the availability of equipments to be useful at the time of disaster management for medical treatment.
- Co-ordination with various government agencies – schemes to meet the necessity of equipments in emergency.
- To see that all vehicles like ambulance, jeep and equipments like generators and equipments essential for health care are in working condition.

(B) On receipt of warning:

- Will ensure the availability of important medicines, lifesaving medicines, insecticides and if necessary contact for additional supply.
- Round the clock control room at the district level.
- Will send the health staff for duty in their areas as per the plan of disaster management.
- Activate the mobile health units for the post disaster situation.
- Will organize in advance to mobilize the local doctors and local voluntary agency for emergency work.
- Will contact the blood donors for blood donation, on the basis of lists prepared.

(C) Post Disaster Activities:

- Provide first aid to the injured and shifting of seriously injured people to the nearby hospital.
- Send sufficient stock of medicines to the affected areas immediately.
- Will make arrangements for the available additional health staff in the affected areas deputed by the state authority.
- Will organize to get the insecticides to prevent spreading of diseases.
- Will ensure the purity of drinking water by testing the sources of water.
- Will depute the mobile units for first aid.
- Distribution of chlorine tablets and other necessary medicines from house to house.
- Will shift the seriously injured people to the hospital.
- Will immediately start the procedure for post mortem of the dead persons as per the rules.

11.1.4 Public Health Engineering Department:

A. Normal time activities

The water supply dept. shall ensure the following to be included in the DDMP:-

- Setting up of control room and arrangement for the control room operator.
- Assign the responsibility as nodal officer to the Executive Engineer or any other officer.
- Prepare an alternative contingency plan to provide drinking water in case of failure of regular water distribution system during disaster.
- Detailed information of available water resources throughout the district.
- Arrangement of Govt. or private tankers to provide water temporary and immediately.
- Preventive measures for water borne diseases and chlorination of water.
- Availability of safe drinking water in the affected areas.
- Inform the staff about the disaster.

(B) On receiving Warning:

- Organize the teams to check the sources of water / drinking water.
- Standby arrangements of tankers for drinking water through tankers or any other available source.
- Will make available chlorine tablets in sufficient quantity and arrange to distribute through DMTs.

(C) Post Disaster activities:

- Implement the alternative contingency plan to provide drinking water in case of failure of regular water distribution systems during disaster.
- Will start work for immediate repairing of water pipes in case of damage.
- Will arrange to check the water tanks, overhead tanks, and pumps, reservoirs and other water resources.
- Will contact the electricity authorities to re-establish the electric supply in case of failure.
- Will provide chlorinated water either by activating group water supply schemes individual schemes or through tankers.
- Will provide drinking water to the relief camps / relief kitchens, shelters etc. through available resources.

11.1.5 Agriculture Department:

(A) Normal time activities:

- All the details of his subordinate staff with addresses and phone numbers and resources of irrigation for agriculture in all the villages.
- Details of buildings, vehicles and equipments under his control and list of contractors with vehicles and equipments used by them.
- Details regarding agricultural production, extension, seed growth centre, agriculture university campus, training centres etc;
- Action plan regarding the repair/alternative arrangement in case of agricultural production related facilities are disrupted.
- Will inspect the sub-ordinate offices, other centres and sub-centres under his control, which are damage prone.
- Will prepare a sub-plan for timely and speedy availability of machines and equipments to restoration of the economic activities in case of loss of property and crop.
- Will maintain the departmental equipments such as diesel generators, dumpers, generator, cutters, tree cutters, ladders, ropes, flood lights, shovels, axes, hammers, RCC cutters, cable wires, fire equipments, de-dusting equipments etc; which can be used during emergency and ensure every 3 months those are in working condition.
- Will prepare a list of public properties related to agriculture in the damage prone areas and will in advance make arrangements to lessen the damage.
- Will take due care to see that the emergency services at hospital, shelters, with special reference to agriculture are not disrupted.

(B) On receipt of warning:

- Will immediately contact the District Control Room and will assist in the work assigned to him as a part of his duty.
- Will ensure that the staffs under this control are on duty at the headquarters.
- Will assign the work to his subordinate officers and staff the work to be done regarding agriculture under DDMP and will send them to their sites.
- Will ensure the availability of resources included in the DDMP and will make due arrangement to get those during emergency.
- Will make groups having vehicles for emergency work and will assign the areas to them.
- Will set up a temporary Control Room for the dissemination of information for emergency work and will appoint a nodal officer.

(C) Post Disaster activities:

- Will deploy the resources and manpower available to manage the disaster.
- Will send DMTs with necessary equipments in case the crop is washed away, and if there is water logging in a very large amount.
- Will act in such a way that the human life is restored again speedily and timely in the priority areas.
- Will contact the circle office or central control room if machines equipments, vehicles, man power, technical personnel are required to restore the agricultural activities.
- Will make arrangement to avail the external helps to manage to disaster.
- Will collect the details of loss of crops to send it to the district administration.
- Should have the details of village wise various crops in the district.
- Will prepare a primary survey report of crop damage in the area and will send the same to district control room and also to the administrative head.

11.1.6 Public Works Department**A. Normal time activities**

- Details of the staff members with their contact addresses and telephone numbers.
- Details of buildings, vehicles and equipment as well as the names of contractors and the vehicles & equipment used by them.
- Maps of the areas in the district with the statistical data related to available resources.
- The position of approach roads and other road of all the villages including bridges, railway crossing etc.
- To strictly observe the rules during the constructions regarding earthquake and cyclone proof materials.
- The PWD will inspect periodically the buildings, residences, high rise buildings under their control.
- Damage prone road bridges and arrangement for their inspections
- Action plan for emergency repairs.
- Will appoint an officer of the rank of Assistant Engineer to coordinate during emergency at the District Control Room.
- Will maintain the departmental equipments such as bulldozers, tractors, water tankers, dumpers, earthmovers excavator, de-watering pumps, generators, cutters, tree cutters, ladders, ropes, flood lights, shovels, axes, hammers, RCC cutters etc; which can be used during emergency and will quarterly check-up these to ensure in working condition.

(B) On receipt of warning:

- Will immediately contact the District Control Room for assistance.
- Will ensure that all the staff members remain on duty at the headquarters.
- Will send the officers and the staff assigning them specific duties for the DDMP
- Undertake all the action for the disaster management required to be done by the department.

(C) Post Disaster Activities:

- Will remain active for search and rescue activities
- Will provide all the available resources and manpower for disaster management.
- Will mobilize the service of technical personnel for the damage survey work to help the district administration

- Will prepare a primary report of damage in the affected area within
- Will make arrangements for electricity, water, and sanitation in the temporary shelters. Will also inspect the approach roads leading to the temporary shelter and repair the same if so required.

11.1.7 Forest Department:

A. Normal time activities

- Addresses of members with telephone numbers.
- Details of veterinary centres, artificial insemination centres, veterinary dispensary, veterinary colleges buildings, vehicles, mobile dispensaries and equipments under his control and also the details of vehicles and equipments used often by outsource.
- Maps showing the details of area with statistical data.
- Approach roads under forest department and their condition including bridges, railway crossing etc.
- To inspect periodically the buildings, residences under forest department
- To maintain the equipments available such as sharp instruments, insecticides, diesel generators, dumpers, generator, cutters, tree cutters, ladders, ropes, flood lights, shovels, axes, hammers, RCC cutters, cable wires, fire equipments, de-dusting equipments etc; which can be used during emergency and will also ensure that they are in working condition.
- To take care of public shelters, other places to be used for evacuation with primary facilities like water
- To prepare a list of public properties in the damage prone forest areas and will make advance arrangements to lessen the damage.

(B) On Receiving the Warning

- To immediately contact the district control room and will assist in the work.
- To ensure that the staff at the headquarter is on duty.
- To assign the work to be done by the subordinate officers and staff regarding transportation under DDMP and to send them to their sites.
- To arrange for wireless, telephones, manpower, forest guard in advance to disseminate information of the disaster in the damage prone areas and will play a key role with the district administration to warn the public.
- To make in advance arrangement for fuel wood and bamboos, gravels for priority areas.

(C) Post Disaster Activities:

- To follow the instructions of District Disaster Management Authority.
- To carry out the duty assigned for search and rescue work.
- To engage the resources and manpower available to manage the disaster.
- To prepare a primary report of damage for the affected areas.
- To take actions to provide electricity, water and sanitation to the temporary shelters in the forest areas.
- To send task forces with vehicles, tree cutters, ropes, flood light, generator in case of closure of roads due to felling of trees.

11.1.8 Electricity Department:

Electricity department shall ensure to restore uninterrupted power supply to the affected areas in case of disaster taking place and will have all the information available with him as to the manpower and materials at his disposal in the district.

(A) Prevention Activities:

- Identification of materials/tool kits required for emergency response.
- Ensure and educate the minimum safety standards to be adopted for electrical installation and equipments and organize training of electricians accordingly.
- Develop and administer regulations to ensure safety of electrical accessories and electrical installations.
- Train and have a contingency plan to ensure early electricity supply to essential services during emergencies and restoration of electric supply at an early date.
- Develop and administer code of practice for power line clearance to avoid electrocution due to broken / fallen wires.

- Strengthen high-tension cable towers to withstand high wind speed, flooding and earthquake, modernize electric installation, strengthen electric distribution system to ensure minimum damages during natural calamities.
- Conduct public/industry awareness campaigns to prevent electric accidents during normal times and during and after a natural disaster.

(B) Response Activities:

- Disconnect electricity after receipt of warning.
- Attend sites of electrical accidents and assist in undertaking damage assessment.
- Stand-by arrangements to ensure temporary electricity supply.
- Inspection and repair of high tension lines /substations/transformers/poles etc.
- Ensure the public and other agencies are safeguarded from any hazards, which may have occurred because of damage to electricity distribution systems.

11.1.9 District Food, Civil Supplies and Consumer Affairs:

(A) Prevention Activities:

- Construction and maintenance of storage godowns at strategic locations.
- Stock piling of food and essential commodities in anticipation of disaster.
- Take appropriate preservative methods to ensure that food and other relief stock are not damaged during storage, especially precautions against moisture, rodents and fungus infestation.

(B) Response Activities:

- Management of procurement.
- Management of material movement.
- Inventory management

11.1.10 Telecommunication Department:

The Telecom District Manager (BSNL) shall make sincere efforts to restore telecommunication services in the affected areas immediately, so that there is no communication gap and he shall put all his available manpower and machinery to use for restoration of communication services without delay.

11.1.11 Transport (District Transport Officer):

The District Transport Officer is required to provide transportation facilities for the evacuation purposes and shall have a contingent plan with respect to district monitoring the availability of buses, cranes etc. along with locations.

(A) Prevention Activities:

- Listing of vehicles that can be used for emergency operation.
- Safety accreditation, enforcement and compliance.
- Ensuring vehicles follow accepted safety standards.
- Build awareness on road safety and traffic rules through awareness campaign, use of different IEC strategies and training to school children.
- Ensure proper enforcement of safety regulations Response Activities.
- Requisition vehicles, trucks, and other means of transport to help in the emergency operations.
- Participate in post impact assessment of emergency situation.
- Support in search, rescue and first aid.

(B) Response Activities:

- Provision of personal support services e.g. counselling.
- Supporting the administration in development of storage and in playing a key role and in the coordination of management and distribution of relief and rehabilitation Materials.
- Supportive role in reconstruction and recovery activities.

11.1.12 A.H. & Veterinary Department:

(A) Prevention Activities:

- Assess requirement of veterinary measures to be taken in affected areas and arrange for VAS, VFA and other staff, equipment, medicines, Vaccines, disinfectants etc., materials for opening first aid centres and camp dispensaries.
- Locate suitable high places for sheltering livestock.
- Mobilize two or more veterinary teams at the district HQ for emergency relief work.
- Keep at prescribed scales or essential equipment, medicines, vaccines, disinfectants in every hospital, dispensary, first aid centre in the affected areas.
- Arrange for fodder from livestock fodder farms or from other sources.
- Arrange for prevention of wide spread disease in epidemic form among animals.
- Assist the district administration in arranging with local traders for supplying animal feed at reasonable price if require.
- Prepare veterinary map showing hospital, dispensaries, first aid centre, all sub centres and cattle population covered by each of these institutions.
- Arrange for short duration training course in veterinary medical care and prevention of epidemic among animals for staffs.
- Arrange for sufficient IEC materials for public awareness.

(B) Response Activities:

- Alert the subordinate Officers and field staff on receipt of warning.
- Check and arrange personnel, stores, equipment, vehicles etc. and draw up tentative programme of emergency relief works.
- Visit the flood affected areas immediately with a veterinary relief team and start relief measures.
- Arrange with the help of district administration shifting of livestock to suitable high grounds.
- Open additional first aid centres and camps, dispensaries if necessary.

Annexures**Annexure 1: Industry List:**

Sl. No.	Name and address of the Industry	Contact person Name, Contact no., E-mail ID.	Type of Industry	Details of Hazardous Chemicals	Quantity of Hazardous Chemicals being used.	Type of Storage (Bullet tank, Shperical tank, etc.)Storage state (Solid, Liquid, etc.)	Number of Staff	Measures under taken on safety.
1	Cement Corporation of India Limited, Bokajan Cement Factory	Mr. Vipin Kumar, Ph(M)-7002850910/ 9818009818	Cement	Nil	Nil	NA	483	SOP for emergency Plan in placed
2	Assam Hills Small Industry Development corporation Limited. Manja	Dhansing Lekthe (Managing Director) Ph(M) 8011629287	Water Bottling Plant and food & brevarage industry	Nil	Nil	Sintex (Plastic storage tank)	75	Installed Fire extinguisher and used disinfectant to clean drainage ion order to avoid microbial contamination. Followed emergency safety plan accordingly.
3	M/s Mukrang Industry	Waisong Terang (Owner) Ph(M)-9957374793	Water Bottling Plant.	Nil	Nil	Sintex (Plastic storage tank)	14	Used disinfectant like Chlorine and Sodium hypochloride to clean drainage in order to avoid microbal contaminated. Followed emergency safety plan accordingly.
4	Sony Petro Chemical Industry	Dipti Momin (Manager) Ph(M)-6026585435	Chemical (Thiner manufactur ing industry)			Bullet Tank	30	Installed water hydrant, fire extinguisher. Followed emergency safety plan accordingly

5	Arnavi Aqua beverages	Purushatum Sharma (Manager) Ph(M)- 9954590757	Water Bottling Plant.	Nil	Nil	Sintex (Plastic storage tank)	20	Used disinfectant like Chlorine and Sodium hypochloride to clean drainage in order to avoid microbial contaminated. Followed emergency safety plan accordingly.
6	K&S packaging	Amit Kumar Singh (Manager) Ph(M)- 9954954209	Cartoon Manufacture industry	Nil	Nil	Sintex (Plastic storage tank)	14	Installed Fire Extinguisher. Followed emergency safety plan accordingly
7	Ahimsa Pure Water system	Amit Kumar shetty (Manager) Ph(M)- 9402832566	Water Bottling Plan	Nil	Nil	Sintex (Plastic storage tank)	25	Installed Fire Extinguisher and used disinfectant to clean drainage in order to avoid Microbial contamination. Followed emergency safety plan accordingly
8	New Tech Steel and Aloys Pvt Limited.	Bimal Kumar Das. (Accountant) Ph(M)- 9435108382	Iron Rod manufacturing industry	Nil	Nil	Under ground concrete water tank	120	Installed Fire extinguisher and refilled it on time. Followed emergency safety plan accordingly.
9	Arham beverages	Mahendra kr. Shetty (Manager) Ph(M)- 9436006702	Food industry (Litchi juice, Banana Chips)	Nil	Nil	Sintex (Plastic storage tank)	20	Installed Fire Extinguisher and used disinfectant to clean drainage in order to avoid Microbial contamination. Followed emergency safety plan accordingly
10	Radiant Pvt. Limited	Sujit Sharma (Manager) Ph(M)- 7086012409	Spirit, Wine distillery industry		Nil	Bullet Tank, Stainless cylindrical tank	180	Installed fire extinguisher and water hydrant. Also installed fire point inside the compound of the

		8731970751						industry. Followed emergency safety plan accordingly
11	Assam Hills Small Industry Development Corporation Limited, Deithor	Nironjon Gohain Ph(M)-9954785855	Water Bottling Plant and food and beverages Industry	Nil	Nil	Nil	18	Installed Fire Extinguisher and used disinfectant to clean drainage in order to avoid Microbial contamination

Name of the Brick Kilns are:

1. M/s. Vikah Brick Industry, 5 mile, Diphu-Manja Road.
2. M/s. K.K Brick Industry, 7 mile, Diphu-Manja Road.
3. M/s. Mahal Brick Industry, 7 mile, Diphu-Manja Road.
4. M/s. Neha Brick Industry, Chutianalla, Diphu-Manja Road.
5. M/s. D.B. Industry, Chutianalla, Diphu-Manja Road.
6. M/s. Amand Brick Industry, Chutianalla, Diphu-Manja Road.
7. M/s. Asha Brick Industry, 7 mile, Diphu-Manja Road.
8. M/s. E.K. Brick Industry, 7 mile, Diphu-Manja Road.
9. Maruty Brick Industry, Manja
10. M/s. S.B. Industry, Sikarighat, Bokulia.
11. M/s. Ingti Brick Industry, Rongsamphri, Diphu.
12. Sonee Brick Industry, Hollowkhowa
13. Sonee Brick Industry, Silonijan
14. Samrat Brick Industry, Khatkhati
15. Steel Brick Industry, Khatkhati
16. Sadabahr Brick Industry, Khatkhati
17. Sawan Brick Industry, Khatkhati
18. Sreeganesh Brick, Matipul, Khatkhati
19. Steel Brick, Nanke Basti, Deopani

Annexure 2:- List of Search & Rescue Equipments:

A. DIPHU FIRE & EMERGENCY SERVICES STATION

Sl. No.	Name of Item	Quantity	Contact No.
1	Life Buoy	4 nos.	Shri Bidya Sing Bey, Sr .S.O, F& ES Diphu. Ph. No. 7002295375, 03671-272265
2	Life Jacket	4 nos.	
3	Rechargeable charge Light	4 nos.	
4	Tower Light	4 nos.	
5	Honda Power Generator	1 no.	
6	P/ Pump	2 nos.	
7	Rescue Line	2 no.	

8	Stretcher	2 nos.	
9	Chain saw	2 nos.	
10	Fire Extinguisher	8 nos.	
11	AS/30-6425 (W.T.P)	1 no.	
12	AS/30-4366 (M.W.T.P)	1 no.	
13	AS/30-6360 (M.W.T,P)	1 no.	
14	AS/30-8953 (M.W.T,P)	1 no.	
15	Advance Recue Tender (AS/30-8893)	1 no.	
16	M. Mist W.T.P (AS/30-6490)	1 no.	
17	AS/30-4038 (TATA SUMO)	1 no.	

B. FIRE AND EMERGENCY SERVICE STATION, BOKAJAN, KARBI ANGLONG

Sl. No.	Name of Item	Quantity	Contact No.
1	Water Tender Pump (Type-B)	2 nos	Sri Sandip Thousen, SO, F&ES Bokajan. Ph. No. 8011805661, 03675246980
2	Portable Pump	2 nos.	
3	Rescue Line	2 nos.	
4	Inflatable Emergency Lighting System	2 nos.	
5	Chain Saw	1 no.	
6	Hydraulic Combi Tool	1 no.	
7	Bolt Cutter	1 no.	
9	Life Buoy	2 no.	
10	Folding Stretcher	1 no.	
17	Life Jacket	2 nos.	

C. FIRE AND EMERGENCY SERVICE STATION, HOWRAGHAT, KARBI ANGLONG

Sl. No.	Name of Item		Contact No.
1	Crow Bar	4 Nos.	Sri Puspandra Jaharisa, SO, F&ES Howraghat. Ph. No. 9706174473, 03676228932
2	Gas Filter	2 Nos.	
3	Drag Hook	2 Nos.	
4	Fire Man Axe	6 Nos.	

5	First Aid Box	1 No.	
6	Fire Bucket	10 Nos.	
7	Fire Beater	2 Nos.	
8	Bil With Handle	1 No.	
9	Bolt Cutter	2 Nos.	
10	Folding Stretcher	2 Nos.	
11	Fire Fighting Helmet	10 Nos.	
12	Life Boy	2 Nos.	
13	Life Jacket	4 Nos.	
14	Pick Axe	4 Nos.	
15	Spade	5 Nos.	
16	Rescue Lowering HNF	5 Nos.	
17	Sovel	5 Nos.	
18	Iron Katta Hook	2 Nos.	
19	35 Feet Aluminum Extension Ladder	1 No.	
20	Heat Resistance Eye Wear	4 Nos.	
21	Emergency Torch Light	1 Nos.	
22	Breathing Apparatus set	4 Nos.	
23	Chain Saw Wooden Cutter	2 Nos.	
24	Vehicle. No. AS-30-8020 (W.T,P)	1 No.	
25	Vehicle. No. AS-30-6615 (M/W. TP)	1 No.	
26	P/Pump No. – 701315	1 No.	
27	P/Pump-220513	1 No.	
28	Power Generator	1 No.	
29	P.I.E Lighting system	1 No.	

D. TOWN & COUNTRY PLANNING DEPTT. DIPHU, KARBI ANGLONG.

Sl. No.	Name of Item	Quantity	Contact No.
1	Fire Extinguisher (Big Size 9kg)	6 nos.	Sri. Nasiram Rongpi, Investigator, Town & Country

2	Plastic Rope(Heavy duty)	10 kg	Planning Deptt. Diphu. Ph. No. 8638552493
3	Picket (TATA Company)	10 nos.	
4	Spade (TATA Company)	10 nos.	
5	Shovel (TATA Company)	10 nos.	
6	Tarpaulin (Big 30x24 size)	6 nos.	
7	Helmet(B/Q)	6 nos.	
8	Ladder(B/Q)	4 nos.	
9	Torch Light-Charging Heavy Duty	5 nos.	

E. List For Search And Rescue Items : Diphu Municipality Board.

Sl. No.	Name of Item	Quantity	Contact No.
1	TATA Mobile	1 nos.	Sri. Bapuram Timung J.E, Diphu Town Committee Office :- Diphu, Ph. No. 8761822935
2	JCB	1 nos.	
3	Tractor	2 nos.	
4	Dumper Truck	2 nos.	
5	Trailer	6 nos.	
6	Fire Extinguisher(Big Size 9 Kg)	2 nos.	
7	Spade(TATA Company)	10 nos.	
8	Picket(TATA Company)	15 nos.	
9	Shovel(TATA Company)	12 nos.	
10	Plastic Rope(Heavy duty)	15 kg.	

F. List For Search And Rescue Items : Bakalia Municipality Board.

Sl. No.	Name of Item	Quantity	Contact No.
1	Spade(TATA Company)	04nos.	Sri. Madansing Bey, Head Assistant, Bakalia Town Committee Office, Ph. No. 9613363964
2	Picket(TATA Company)	05nos.	
3	Shovel(TATA Company)	03nos.	
4	Plastic Rope(Heavy duty)	30 kg	
5	Fire Extinguisher(Big Size 9 Kg)	2 nos.	
6	Dumper Truck	1 nos.	
7	Trailer	2 nos.	

G. List For Search And Rescue Items : Bokajan Municipality Board.

Sl. No.	Name of Item	Quantity	Contact No.
1	Spade (TATA Company)	5 nos.	Sri. Gohin Ch. Saikia, A.E , Bokajan Town Committee Office, Ph. No. 8011424154
2	Picket(TATA Company)	6 nos.	
3	Shovel(TATA Company)	4 nos.	
4	Plastic Rope (Heavy Duty)	20 Kg	
5	Fire Extinguisher (Big Size 9 KG)	2 nos.	
6	TATA Mobile	1 nos.	
7	Tractor	1 nos.	
8	Dumper Truck	1 nos.	
9	Trailer	1 nos.	

H. List For Search And Rescue Items : Howraghat Municipality Board.

Sl. No.	Name of Item	Quantity	Contact No.
1	Spade (TATA Company)	8 nos.	Sri. Phukon Khaklary, A.E, Howraghat Town Committee Office, Ph. No. 8473851343
2	Picket(TATA Company)	6 nos.	
3	Shovel(TATA Company)	9 nos.	
4	Plastic Rope (Heavy Duty)	20 Kg	
5	Fire Extinguisher (Big Size 9 KG)	2 nos.	
6	Dumper Truck	1 nos.	
7	Trailer	3 nos.	

I. List For Search And Rescue Items : Langhin Municipality Board.

Sl. No.	Name of Item	Quantity	Contact No.
1	Spade (TATA Company)	2 nos.	Sri Dalsing Daimary, Head Assittent Ph. No. 7399740933 Langhin Town Committee Office
2	Picket(TATA Company)	3 nos.	
3	Shovel(TATA Company)	4 nos.	
4	Plastic Rope (Heavy Duty)	20 Kg	
5	Fire Extinguisher (Big Size 9 KG)	1 nos.	

6	Trailer	1 nos.	
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J. List For Search And Rescue Items : Dokmoka Municipality Board.

Sl. No.	Name of Item	Quantity	Contact No.
1	Spade (TATA Company)	4 nos.	Sri. Sarat Das , J.E Dokmoka Town Committee Office, Ph. No. 8486598272
2	Picket(TATA Company)	3 nos.	
3	Shovel(TATA Company)	2 nos.	
4	Plastic Rope (Heavy Duty)	15 Kg	
5	Fire Extinguisher (Big Size 9 KG)	1 nos.	
6	Tractor	1 nos.	

K. List For Search And Rescue Items : Civil Defence.

Sl. No.	Name of Item	Quantity	Contact No.
1	Pliers	1 no.	Shri. L Kiran Kumar Singha, Asstt. Deputy Controller, (Senior), Ph(M): 9706919070
2	Vise grip	1 no.	
3	Bolt cutter	1 no.	
4	Chisel	1 no.	
5	Hacksaw	1 no.	
6	Claw Hammer	1 no.	
7	Sledge Hammer	1 no.	
8	Reciprocating Saw	1 no.	
9	Fire Axe	1 no.	
10	Rope menila	1 no.	
11	Rope nylon	1 no.	
12	Mega Phone	2 nos.	
13	Full body harness	1 no.	
14	Chainsaw	1 no.	
15	Circular Saw	1 no.	
16	Rotary hammer	1 no.	
17	Life Jacket	10 nos.	

18	Rescue Van	1 no.	
19	Bob Rope	2 nos.	

Annexure: 3 List of Ambulance:

EMERGENCY REFERRAL SERVICE:		
Critical Care Service Ambulance: No. (AS09 D – 6067) Driver: Sri Ajoy Chanda.	Health Department, Joint Director of Health Services, Karbi Anglong; Diphu, ON ROAD	Dr. Jogot Teron Contact No. 9435066615 (Contact person from H&FW)
Superintendent, Diphu Medical College and Hospital	DMCH, Diphu	Dr. Subhajyoti Deka Contact No. 9435338109
Medicines Dropping Vehicle:		
District Medical Store, Diphu	Health Department, Joint Director of Health Services, Karbi Anglong; Diphu	Dr. Longki Tokbi, In-charge, District Medical Store, Diphu Contact No. 9101614139
District Medical Store, Diphu No. (AS09 C– 8656), TATA 709 Driver: Shri Sumesh Daulagaphu.	ON ROAD	Dr. Longki Tokbi, In-charge, District Medical Store, Diphu Contact No. 9101614139
Joint Director of Health Services, Karbi Anglong, Diphu		
Name of Articles	Owners name & Address	Contact Number
Medicines Dropping Vehicle:		
District Malaria Officer: No. (AS09 – 8571), TATA 709 Driver: Sri Indra Bahadur Chetri	Health Department, Joint Director of Health Services, Karbi Anglong; Diphu, ON ROAD	Dr. Borsing Rongpi, In-charge, District Malaria officer, Diphu Contact No. 9954006211
Para-medical Staff Duty: No. (new TATA XENON-AS09 F- 3770), 207 Driver: Sri Khonsing Terang	ON ROAD	Sri Hem Chandra Teron, PMA, Public Health Branch, Diphu Contact No. 6001957378/9085276661
Emergency Dead Body Carrier:		
AS 09 – 1760 DHC Driver :- Shri Gupi Nath Basumatary	Health Department, Joint Director of Health Services, Karbi Anglong; Diphu	Contact No. 6900402245
Emergency 108 Service:		
Diphu Civil Hospital Ambulance	GVK – EMRI, GHY, Assam	9957575108
Dokmoka PHC Ambulance	-do-	9678064108
Howraghat BPHC Ambulance	-do-	9957577108
Bokajan BPHC Ambulance	-do-	9957578108
Silonijan S/C Ambulance	-do-	9401453766
Deithor PHC Ambulance	-do-	9613862108
Kheroni SHC Ambulance	-do-	9678053108
Donkamokam PHC Ambulance	-do-	9613861108
Balijuri PHC Ambulance	-do-	9678045108

Annexure: 4 Lists of Emergency Drugs with Quantity:

Drugs	Quantity
Paracetamol tab 500mg	1000
125mg /100mg syp	500
Inj Paracetamol	500
Inj Diclofenac Sod.	500
Ibu + Paracetamol tab	1000
Tramodal Hcl inj	200
Ampicillin 500mg cap	1000
Amoxycillin	1000
Inj Cephaoxline	500

Septon tab	500
Septon syp	500
Ciprofloxacin 500mg tab	500
Cefuroxime 250mg & 500mg tab	500 + 500
Cefotaxim 1g	500
Ceftriaxone 1g	500
Procain Penicillin	500
Gentamycine	500
Cefepime	500
Metrogl	500
Metrogl tab 400	500
Ofloxacin + Ornidazole	1000
Preprobiotic	1000
Metrogl susp	1000 bottles
Norfloxacin 400mg	500
Inj. Perinorm	500
Inj. Ondam	100
Ondem Tab 4mg	100
Ondem Syp	100
Chloroquin 150mg tab	200
Rezizfort tab	1000
Quinine Suphate Tab	500
Quinine Inj	1000
Artisunate Inj	100
Artisunate tab	200
Premaquin 7.5mg tab	500
2.5mg tab	100
Inj Dizepam	100
Inj Phnytoin	100
Tab Gardinal 60ml	50
Dizepam tab 5ml	200
Inj Avil	50
Inj Dexona	100 vials
Inj. Hydrocortisone	100 vials
Inj. Deriphyline	100 vials
Inj. Aminophyline	50 amples
Inj. Adrenaline	50 amples
Inj. Dopamine	50 amples
R-Lactate	100 bag
Dextrose Saline	100
ORS	1000
25% Dextrose	50
Providine Iodine Solution	100 bottles
Spirit 500ml	8 bottles
IV Canula different size	200
URO bag	50
Foleys Catheter 16 size	30
14 size	30

12 size	20
10 size	20
Water seal drain set	30
Infant feeding tube	50
2% Xylocain jelly	50
Cotton roll 500gms	10 packets
Bandages of various sizes	100 packets
IV sets	100 sets
Syringes 5 ml	200
Equipments	
Weighing machine	1 unit
Measuring tape	5 nos.
Tape measuring mid arm circumference	5 nos.
Haemoglobino meter (Sahil's)	1 unit

Annexure: 5**Phone numbers of Doctors of Karbi Anglong District:**

Sl.no	Institution Name	Name of Doctor	Contact No.
1.	Principal Cum Chief Superintendent Diphu Medical College	Dr. Sumitra Hagjer	94351-44372
2.	Dy. Superintendent, Diphu Medical College	Dr. Ratul Thakur	9435166912
3.	Health , Nodal officer	Dr. Janta Pator	9954300408
4.	Superintendent, Diphu Medical College	Dr. Shubhajyoti Deka	9435338109
5.	Blood Bank DMCH, Diphu	Dr. Amitabh Handique	8136029371
6.	Chowkihol BPHC	Dr. Tenzing Engti	7896221819
7.	Bokajan BPHC	Dr. N.C Dey	7896534909
8.	Howraghat CHC	Dr. Kabon Teronpi	9435066080
9.	Bokalia BPHC	Dr. Karik Kropi	9435539790
10.	Manja BPHC	Dr. Rupsing Hanse	9678755294
11.	Dokmoka PHC	Dr. Thanewar Teron	9854150664

Annexure: 6 Lists of NGOs:

Sl.No.	Name and address of the NGO	President/Secretary	Contact No.
1	Udhbodhan intergrated Society for development,(NGO) Diphu near D.F.O East Div. Office	President: Mr Robin Mazumder	7002826343
2	Jirsong Asong	President: Tommy Palely	93650628720
3	Serdihun Welfare Society ;Diphu Town Near ITI ,PO/PS- Diphu K/A	President: Kasang Terangpi Sec:Jelinna Terangpi	9954306870/ 7002879562
4	Klirdap welfare Society	President: Dorsing Engti	9678932187
5	Lion Club	President: Rajesh Shukla	8638640148
6	Lumbajong Development Society	President: Sonsing Teron	9954675951
7	Social Economic Welfare society(Sews)Diphu PO/PS Diphu ,K/A	President: Mukul ch. Baruah. V.C: adm: Sri Dilip kr.Das.	9435067670/9435166274
8	Indian Red cross society,Diphu Branch, K/A	President: Borsing Phangco	9954314167
9	Trinity Hills Society	President: Rajen Timung	8638690522
10	Zilla Sainik Board.	President: Rajen Engti	8876101568

Annexure:7 List of River Water Gauge Site with Danger Level:

SI No	Name of the River	Danger Level	Name of Gauge Site
1	Dhansiri River	135.00 M	Bokajan gauge site
2	Diphu River	170.00 M	Railway bridge gauge site
3	Jamuna River	76.49 M	Howraghat gauge site

Annexure: 8 Financial Resources for implementation of DDMP by Line Departments (Chapter- 9)**Annexure: 9 List of Important Contact Numbers:**

District Administration, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Smti. Madhumita Bhagoboty ,ACS	Deputy Commissioner	03671-272257	8453945593
2	Sri. Mukul Kr. Saikia, ACS	Principal Secretary, KAAC	03671-272504	8472989998
3	Sri Dhiraj Kr. Jain, ACS	A.D.C cum CEO, DDMA, Karbi Anglong		9864418884
4	Sri. Sanjib Kr. Saikia, APS	S.P. Karbi Anglong	03671-272254	6026900748
5	Shri Anup Brahma, ACS	SDO Civil, Bokajan Sub Div.	03675-246044	9678943402
6	Sri Sashi Kanta Timung	Project Director , DRDA, KAAC	03671-272220	9957014387
7	Sri John Das, APS	SDPO (Bokajan)		9871330423
8	Miss Smita Chetia	DPO, DDMA		8473057555
Revenue Circle, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
				Mobile
1	Sri. Nilotpal Ronghang	A.R.O, Diphu		8011232873
2	Sri Pinchong Kro	A.R.O, Diphu, I/C DM		9101497558
3	Sri Jojo Terang	A.R.O, Phuloni		8486020699
				9365060790
4	Shri Tarun Engti	A.R.O, Silonijan		8752866305
				7002064417
5	Miss Larshika Tissopi	Field Officer (Diphu)		6003018263
6	Sri Dipu Kalita	Field Officer (Phuloni)		70020-83335
7	Sri Bijay Tisso	Field Officer (Silonijan)		8753881776
Block Development Officers, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Smti. Manjulata Ronghangpi	BDO, Bokajan		9435370045
2	Smti. Jiljily Thaosen, ACS	BDO, Howraghat		8638825132
3	Smti. Kanaklata Teronpi	BDO, Langsomepi		86387-16807
4	Smti. Reeta Millickpi	BDO, Lumbajong		7002927093 9678755332
5	Smti Julie Terangpi	BDO, Nilip		7002546907
6	Smti. Jhanadi Langthasa, ACS	BDO, Rongmongwe		7002260795
7	Smti Junali Nath	BDO, Samelangso		9101519220
Water Resource Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	

			Office	Mobile
1	Shri Palash Jyoti Goswami	Addl. C.E, WRD, Diphu Div.		9435591406
2	Sri Mizi Kro	Ex. Engineer, W.R, Diphu		81330-69020 70865-91100
Medical Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Dr. Sumitra Hagjer	Principal Cum Chief Superintendent Diphu Medical College		94351-44372
2	Dr. Borsing Rongpi	Jt Dir, Health , Karbi Anglong	03671-273357	94351-66079
3	Dr. Ratul Thakur	Dy. Superintendent, Diphu Medical College		94351-66912
4	Dr. Janta Pator	Health , Nodal officer		9954300408
5	Dr. Shubhajyoti Deka	Superintendent, Diphu Medical College		9435338109
Veterinary Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Dr. Dilip Mahanta	Dist Veterinary Officer, Diphu	03671-272246	99544-98339
Agriculture Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Sri Bidu Rajjung	Dist . Agriculture Officer, K/A		94351-69066
PWD (Road & Building) Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Shri Parag Kr Barman	Addl. C.E,PWD (R&B), Diphu Div.		8638027522
	Shri Dipak Das	Ex.Engineer PWD (R) Diphu		9435168468 7002660679
2	Shri Badan Tisso	Ex.Engineer PWD (R) Dokmoka		7002134225
3	Sri Rajen Engleng	I/c Ex. Engineer PWD (R) Bakalia		8638200825
4	Sri Juwel Timung	Ex. Eng. PWD (R) Dolamara Div.		94350-66230 96787-44763
5	Sri S Sohail	Ex. Eng. PWD (R) Barpathar Div.		7002734415
6	Sri Susanta Deka	Ex. Eng. PWD (Elect.) Diphu Div.		8638739423
PHE Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Sri. Nasimul Hoque	Addl C.E, PHE (Urban/Rural)		9435259458
2	Sri. Bikram Teron	I/C, Executive Engineer PHE (Urban)		94355-09495
3	Sri. Bimal Ch. Sarma	Executive Engineer PHE (Rural)		96780-09812
4	Sri Debokanta Sharma	AE Dokmoka(Sub-Division) PHE		91019-32296
5	Sri Rubising Hanse	Executive Engineer, Howraghat		6003262758
6	Sri Biren Ch Deori	AE Howraghat (Division)PHE		99570-14368
Irrigation Department, Karbi Anglong				

Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Sri Prabitra Engti	Addl C.E. Irrigation		8011713723
3	Sri Durga Rongpipi	Ex. Engr, Irrigation (Bokajan) Div.		9678615883
4	Sri Semsonsing Terang	Ex. Engr, Irrigation (Diphu) Div.		96781-32115
5	Sri Dorsing Ronghang	Ex. Engr, Irrigation (Bakalia) Div.		78961-02914
Town & Country Planning Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Sri Ruben Ronghang	Deputy Director, Town & Country Planning	03671-272277	8638703621
Soil Conservation Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Shri Chandan Ranjan Das	Addl. Dir, Soil Conservation		8474873750
Forest Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Sri. Jaganath Rongpi	I/C, Divisional Forest Officer (West)		9678992247
2	Sri. Jaganath Rongpi	Divisional Forest Officer (East)		9678992247
Social Welfare Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Smti. Helen Terangpi	I/C Dist. Social Welfare Officer, I/C Child Development Project Officer, Diphu Urban ICDS Project.		70023-91248
2	Sri. Bholanath Pegu	I/C Programme Officer, ICDS Cell, Diphu		94358-79432
3	Mrs. Jyotsna Tokbipi	I/C Child Development Project Officer, Howraghat ICDS project		70863-38746
4	Mrs. Gopal Chetry	I/C Child Development Project Officer, Lumbajong ICDS project		94350-67371
5	Mrs. Sunita Tamuly	I/C Child Development Project Officer, Bokajan ICDS project		93653-00196
Food & Civil Supplies Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Sri Promod Shyam	Deputy Director of Food & Supplies, Diphu		7002264316
District Transport office (DTO), Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Shri Bikramaditya Gogoi	DTO, Diphu		8876513599
Education Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	

			Office	Mobile
1	Sri. Biren Engti	Inspector of School, Diphu		8011789791
2	Sri Arun Teron	DPEO/ District Primary Education Officer		94350-67172 93650- 313594
Fire & Emergency Service Department, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Sri Bidya sing Bey	Sr. Station Officer, Diphu, F & E S	03671-272265	7002295375
2	Sri Sandip Thaosen	Station Officer, Bokajan, F & E S	03675-246980	80118-05661
3	Sri Pusendra Jaharisa	Station Officer, Howraghat, F&E S	03676-228932	97061-74473
Civil Defence, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	L Kiran Kumar Singha	Asstt. Deputy Controller, (Senior)		9706919070
Home Guard, Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Moon Das	District Commandant Home Guard		9435041329 / 9864432760
Assam State Power Distribution Company Limited (APDCL), Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Sri Polash j. Mahanta	Deputy General Manager		9435139464
2	Sri Bijay Boruah	AGM, Howraghat		98540-67057
3	Sri Binoy Langthasa	AGM, Diphu		8472005485
District Industry and Commerce Center				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Malina Terangpi	Addl. Director DICC		7002633929
List of Police Station and Office in Charge (OC), Karbi Anglong				
Sl.no	Name	Designation & Address	Contact	
			Office	Mobile
1	Inspr. J.S Khubung	Officers-In-Charge, Diphu Police Station		9101145561 9435086326
2	SI Raju Duwarah	Officers-In-Charge, Manja Police Station		9435447822
3	SI Dhruba Jyoti Bora	Officers-In-Charge, Borlangfer Police Station		9859269101
4	UBSI Nilamoni Malakar	Officers-In-Charge, Dokmoka Police Station		9854103520
5	UBSI Nabajit Das	Officers-In-Charge, Bakalia Police Station		9101179632

6	Inspr. Manjit Terang	Officers-In-Charge, Howraghat Police Station	9678289282
7	UBSI Lutfur Rahman	Officers-In-Charge, Dillai Police Station	9854172826
8	UBSI Dipan Chandra	Officers-In-Charge, Borpathar Police Station	7002323522
9	Inspr. Mwblak Brahma	Officers-In-Charge, Bokajan Police Station	9435315100
10	UBSI Ramen Bordoloi	Officers-In-Charge, Khatkhathi Police Station	9101464525
11	UBSI Khagon Ch. Bora	Officers-In-Charge, Samelangso Police Station	6002930248
12	UBSI Deepmoni Hazarika	Officers-In-Charge, Anjokpani Police Station	9101801032
13	UBSI Bidyut Bikash Boruah	Officers-In-Charge, Deithor Police Station	9859319131
14	UBSI Jogesh Deka	Officers-In-Charge, Chowkiola Police Station	9435286525
15	UBSI Jibon P. Marak	Officers-In-Charge, Rongmongwe Police Station	9957209276
16	SI Kulendra Nath	Officers-In-Charge, Dolamara Police Station	9365758970
17	UBASI Moneswar Borah	Officers-In-Charge, Uttarborbil Police Station	9101273984
18	UBSI Shyamal Neog	Out post Dhansiri	8472959850
19	UBSI Dhan Borah	Traffic Diphu	8472852726 8638738885

Prepared by-
DISTRICT DISASTER MANAGEMENT AUTHORITY (DDMA), Karbi Anglong

Annexure: 8 Financial Resources for implementation of DDMP by Line Departments (Chapter- 9)

Reporting Template for Implementation of District Disaster Management Plans- Karbi Anglong

1. PWD Roads Department.

Name of the Department: PWD Kohora Roads, Division													
Plan- Duration: 1(one) year													
Plan approved by:													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3		4	5	6		7	8	9	10
		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status In lakh Rs.		Relevant Flagship (CSS/State Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Avail able	Gap				
Flood, Land Slides & Erosion	Prevention and mitigation	Construction of Retaining walls, cross drainage, CC drain, protection work etc.	CPDMD K Road	Time of impact	6 months	13000	180		180	State Flagship	Undisrupt ed vehicular communic ation	Approx 50.00 km of road will be protected from erosion	Buddo Teron, EE 9957062391 Hari Biswas, JE 8638356156 Apurba Das, JE 8638572898
		Construction of cross drainages with protection work	Rangsali Deithor Road	Time of impact	6 months	4500	40.00		40.00	State Flagship	Undisrupt ed vehicular communic ation	Approx 5.00 km of road will be protected from erosion	Buddo Teron, EE 9957062391 Hari Biswas, JE 8638356156
		Construction of cross drainages with protection work	Deopani Rongago ra Road	Time of impact	6 months	5000	25.00		25.00	State Flagship	Undisrupt ed vehicular communic ation	Approx 10.00 km of road will be protected from erosion	Buddo Teron, EE 9957062391 Raj Deb, JE 8638201128

		Construction of cross drainages with protection work	Chilimkh owa Road	Time of impact	6 months	4000	25.00		25.00	State Flagship	Undisrupt ed vehicular communic ation	Approx 6.00 km of road will be protected from erosion	Buddo Teron, EE 9957062391 Raj Deb, JE 8638201128
	Preparedness	Formation of quick response team and provide adequate training	CPDMD K Road, Rangali Deithor Road, Deopani Rongago ra Road, Chilimkh owa Road	Time of impact	1 day	26500	Nil				Quick and uncaotic response at the time of hazard	Quick and uncaotic response at the time of hazard	Buddo Teron, EE 9957062391 Hari Biswas, JE 8638356156 Apurba Das, JE 8638572898 Raj Deb, JE 8638201128 and all the SAs
		Machineries And Tools	CPDMD K Road, Rangali Deithor Road, Deopani Rongago ra Road, Chilimkh owa Road	Time of impact	1 day	26500	0.50		0.50	State Flagship	Quick and uncaotic response at the time of hazard	Quick and uncaotic response at the time of hazard	Buddo Teron, EE 9957062391 Hari Biswas, JE 8638356156 Apurba Das, JE 8638572898 Raj Deb, JE 8638201128
	Capacity building	Provide training to the response team how to act at the time of hazard	Division	1 day	1 day	26500					To act smart and quick at the time of hazard	Quick and uncaotic response at the time of hazard	Buddo Teron, EE 9957062391 Hari Biswas, JE 8638356156 Apurba Das, JE 8638572898 Raj Deb, JE 8638201128 and all the SAs

	Response and relief	Site clearance using excavators	CPDMD K Road, Rangali Deithor Road, Deopani Rongogora Road, Chilimkhowa Road, Dokmoka Anjokpani Kuthori Road and all affected roads	Time of impact	3-4 hrs	26500	0.5		0.5	State Flagship	Quick action in providing undisrupted communication	Undisrupted vehicular traffic	Robinson Rongphar, SA 7002304778 Sarsing Phangso, SA 8011220397 Bulbul Saikia, SA 6001357675 Deben Shyam, SA 9435564886
		Cleaning and removing of debris from culvert openings	All affected roads	Time of impact	4-5 hrs	26500	Nil				Proper discharge of rain and drain water	Proper drainage of water	Robinson Rongphar, SA 7002304778 Sarsing Phangso, SA 8011220397 Bulbul Saikia, SA 6001357675 Deben Shyam, SA 9435564886
	Reconstruction, recovery and rehabilitation	Damage assessment of structure	All Roads and Bridges	Time of impact	1 day	26500	Nil				Actual cost to be incurred during construction	Prepare estimate of repair/reconstruction	Buddo Teron, EE 9957062391 Hari Biswas, JE 8638356156 Apurba Das, JE 8638572898 Raj Deb, JE 8638201128 Nabajyoti Bora, JE

													9435152990
		Prepare estimates to repair/reconstruct the damage structures	All affected Roads and Bridges	Time of impact	3 days	26500	250		250	State Flagship	Actual cost to be incurred during construction	Prepare estimate of repair/reconstruction	Buddo Teron, EE 9957062391 Hari Biswas, JE 8638356156 Apurba Das, JE 8638572898 Raj Deb, JE 8638201128 Nabajyoti Bora, JE 9435152990
	Coordination	Report damage assessment and mitigation measures taken/to be taken if any to the DDMA		Time of impact	3 hrs	26500	Nil				To initiate quick response	Intimation of information	Buddo Teron, EE 9957062391 Raj Deb, JE 8638201128

Name of the Department: PWD Dokmoka, Roads Division													
Plan- Duration: 1(one) year													
Plan approved by:													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3		4	5	6		7	8	9	10
		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status In lakh Rs.		Relevant Flagship (CSS/State Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Avail able	Gap				

Flood, Land Slides & Erosion	Prevention and mitigation	Construction of Slab Culvert.	Dokmoka Sonapur Road	Time of impact	6 months	4500	30.00		30.00	State Flagship	Undisrupted vehicular communication	Approx 10.00 km of road will be protected from erosion	Badan Sing Tisso, AEE 7002134225 Robinson Kro, JE 9435423036
		Construction of cross drainages with protection work	Dupor Timung Gaon to Dengaon	Time of impact	6 months	7000	40.00		40.00	State Flagship	Undisrupted vehicular communication	Approx 5.00 km of road will be protected from erosion	Badan Sing Tisso, AEE 7002134225 Robinson Kro, JE 9435423036
		Construction of cross drainages with protection work	Dokmoka Bazar to Lakhan Teron Gaon	Time of impact	6 months	8500	50.00		50.00	State Flagship	Undisrupted vehicular communication	Approx 6.00 km of road will be protected from erosion	Badan Sing Tisso, AEE 7002134225 Robinson Kro, JE 9435423036
		Construction of with protection work, Side Drain, Improvement of road etc	Tularam Senapati Road at Howragh at Town.	Time of impact	6 months	5000	50.00		50.00	State Flagship	Undisrupted vehicular communication	Approx 5.00 km of road will be protected from erosion	Mukut Sarma, AEE 9435519475 Kanak Swargiary, JE 70027364777
	Preparedness	Formation of quick response team and provide adequate training	Dokmoka Sonapur Road, Dupor TimungGaon to Dengaon, Dokmoka Bazar to Lakhan Teron Gaon,Tularam Senapati	Time of impact	1 day	25000	Nil				Quick and uncaotic response at the time of hazard	Quick and uncaotic response at the time of hazard	Santosh Kr Roy, EE 7086755225 Mukut Sarma, AEE 9435519475 Badan Sing Tisso, AEE 7002134225 Robinson Kro, JE 9435423036 Kanak Swargiary, JE 70027364777

			Road at Howragh at Town.										
		Machineries And Tools	Dokmok a Sonapur Road, Dupor TimungGaon to Dengaon, Dokmok a Bazar to Lakhan Teron Gaon, Tularam Senapati Road at Howragh at Town.	Time of impact	1 day	25000	0.50		0.50	State Flagship	Quick and uncaotic response at the time of hazard	Quick and uncaotic response at the time of hazard	Santosh Kr Roy, EE 7086755225 Mukut Sarma, AEE 9435519475 Badan Sing Tisso, AEE 7002134225 Robinson Kro, JE 9435423036 Kanak Swargiary, JE 70027364777
	Capacity building	Provide training to the response team how to act at the time of hazard	Division	1 day	1 day	25000					To act smart and quick at the time of hazard	Quick and uncaotic response at the time of hazard	Santosh Kr Roy, EE 7086755225 Mukut Sarma, AEE 9435519475 Badan Sing Tisso, AEE 7002134225 Robinson Kro, JE 9435423036 Kanak Swargiary, JE 70027364777

	Response and relief	Site clearance using excavators	Dokmok a Sonapur Road, Dupor TimungGaon to Dengaon, Dokmok a Bazar to Lakhanteron Gaon,Tularam Senapati Road at Howraghat Town.	Time of impact	3-4 hrs	25000	0.50		0.50	State Flagship	Quick action in providing undisrupted communication	Undisrupted vehicular traffic	Santosh Kr Roy, EE 7086755225 Mukut Sarma, AEE 9435519475 Badan Sing Tisso, AEE 7002134225 Robinson Kro, JE 9435423036 Kanak Swargiary, JE 70027364777
		Cleaning and removing of debris from culvert openings	All affected roads	Time of impact	4-5 hrs	25000	Nil				Proper discharge of rain and drain water	Proper drainage of water	Santosh Kr Roy, EE 7086755225 Mukut Sarma, AEE 9435519475 Badan Sing Tisso, AEE 7002134225 Robinson Kro, JE 9435423036 Kanak Swargiary, JE 70027364777
	Reconstruction, recovery and rehabilitation	Damage assessment of structure	All Roads and Bridges	Time of impact	1 day	25000	Nil				Actual cost to be incurred during construction	Prepare estimate of repair/reconstruction	Mukut Sarma, AEE 9435519475 Badan Sing Tisso, AEE 7002134225 Robinson Kro, JE 9435423036 Kanak Swargiary, JE 70027364777

		Prepare estimates to repair/reconstruct the damage structures	All affected Roads and Bridges	Time of impact	3 days	25000	250		250	State Flagship	Actual cost to be incurred during construction	Prepare estimate of repair/reconstruction	Santosh Kr Roy, EE 7086755225 Mukut Sarma, AEE 9435519475 Badan Sing Tisso, AEE 7002134225 Robinson Kro, JE 9435423036 Kanak Swargiary, JE 70027364777
	Coordination	Report damage assessment and mitigation measures taken/to be taken if any to the DDMA		Time of impact	3 hrs	25000	Nil				To initiate quick response	Intimation of information	Santosh Kr Roy, EE 7086755225 Mukut Sarma, AEE 9435519475 Badan Sing Tisso, AEE 7002134225 Robinson Kro, JE 9435423036 Kanak Swargiary, JE 70027364777

Name of the Department: PWD Bakulia Roads Division													
Plan- Duration: 1(one) year													
Plan approved by:													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3		4	5	6		7	8	9	10
		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status		Relevant Flagship (CSS/State Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Avail able	Gap				
Flood, Land Slides & Erosion	Prevention and mitigation	Construction of retaining wall	DSC Road 5th KM DS-A road RD road	Time of Impact	6 month	20000	500.00		500.00	Flagship	undisrupted vehicular communication	80 km of hill road will be protected from erosion	Rajen Engleng,AEE. Ph.No 8638200825. Samsul Haque,AEE. Ph No. 9101484395. Rahul Timung,AE Ph.No.7002171546.

			BL Road LD Road										Chonglong Engti, GE , Ph No.6003580256
		Construction of Breast wall	DSC Road 5th KM DS-A road RD road BL Road LD Road	Time of Impact	6 month	20000	250.00		250.00	Flagship	undisrupte d vehicular communic ation	80 km of hill road will be protected from erosion	do
	Preparedness	Formation of quick response team and provide adequate traning	DSC Road 5th KM DS-A road RD road BL Road LD Road	Time of Impact	1 day	20000	Nil				quick and uncaotic response at the time of hazard	Quick and uncaotic response at the time of hazard	do
		Machinery and tools	DSC Road 5th KM DS-A road RD road BL Road LD Road	Time of Impact	2 day	20000	30.00		30.00	Flagship	quick and uncaotic response at the time of hazard	quick and uncaotic response at the time of hazard	do
	Capacity building	Provide training to the response team how to act at the time of hazard	Division	1 day	1 day	20000					To act smart and quick at the time of Hazard	quick and uncaotic response at the time of hazard	do
	Response and relief	Site clearance using excavator	DSC Road 5th KM DS-A road	Time of Impact	5 Day	20000	30.00		30.00	Flagship	quick action in providing undisrupte d	undisrupted vehicular traffic	do

			RD road BL Road LD Road								communic ation		
		clearing and removing of debris from culvert opening	All road	Time of Impact	4-5 hr	20000	nil				proper discharge of rain and drain water	proper drainage of water	do
	Reconstruction, recovery and rehabilitation	Damage assessment os structure	All road and bridge	Time of Impact	1 day	20000	nil				Actual cost to be incurred during constructi on	prepare estimate for repair/re- construction	do
		prepare estimate for repair/re- construction the damages structure	All road and bridge	Time of Impact	3 day	20000	0.50		0.50	Flagship	Actual cost to be incurred during constructi on	prepare estimate for repair/re- construction	
	Coordination	Report damage assessment and mitigation measures taken/to be taken if any to the DDMA		Time of Impact	3hr		nil				to initiate quick response	intimation of information	do

Name of the Department: PWD, Barpathar Road Division, Silonijan													
Plan- Duration: 1(one) year													
Plan approved by:													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3	4	5	6	7	8	9	10		

		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status In lakh Rs.		Relevant Flagship (CSS/State Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Avail able	Gap				
Flood, Land Slides & Erosion	Prevention and mitigation	Construction of cross drainages with protection work	Dilai Bazar Monbahadur Road	Time of impact	6 months	7000	14.00		14.00	State Flagship	Continuou s flow of traffic	The road will be protected from erosion and landslide	Prabhat Bey,AEE 9678443606 Kolom Sing Bey, JE 9954183865 Bhupom Shyam, JE 6000582733 Mitu Kalita, JE 7002373578 Kangbura Engti, SA Larsing Engti, SA Moinul Haque, SA 8811981176
		Construction of Retaining walls, cross drainage, protection work etc	NH36-Kania Tokbi Road	Time of impact	6 months	6500	216.00		216.00	State Flagship	Continuou s flow of traffic	The road will be protected from erosion and landslide	Prabhat Bey,AEE 9678443606 Kolom Sing Bey, JE 9954183865 Bhupom Shyam, JE 6000582733 Mitu Kalita, JE 7002373578 Kangbura Engti, SA Larsing Engti, SA Moinul Haque, SA 8811981177
		Construction of protection work	Kuch Gaon Namghar Road-No.2 Dilaojan	Time of impact	6 months	4500	100.00		100.00	State Flagship	Continous flow of traffic	The road will be protected from erosion and lanslide	Prabhat Bey,AEE 9678443606 Bhupom Shyam, JE 6000582733 Mitu Kalita, JE 7002373578 Robin Chetiya, SA 9954686485

		Construction of cross draineges with protection work	Dokhora Pathar-Chowkih ola High School Rd	Time of impact	6 months	1600	15.00		15.00	State Flagship	Continous flow of traffic	The road will be protected from erosion and lanslide	Ashis Lushon Bora, JE 7086499423 Ranjan Bey, JE 9678016218 Rensing Rongphar, SA 9101943768 Sarwan Kro, SA 7637987599
		Construction of cross drainages with protection work	BBDC rd-Dokhora Bey Gaon	Time of impact	6 months	1780	20.00		20.00	State Flagship	Continous flow of traffic	The road will be protected from erosion and lanslide	Ashis Lushon Bora, JE 7086499423 Ranjan Bey, JE 9678016218 Rensing Rongphar, SA 9101943768 Sarwan Kro, SA 7637987600
		Construction of cross drainages with protection work	Koilamat i Phangche rop Road	Time of impact	6 months	4700	25.00		25.00	State Flagship	Continuou s flow of traffic	The road will be protected from erosion and landslide	Mohendra Nath Bora, JE 9101004303 Bitupan Sonowal, JE 6901253898 Monuranjan Doimari, JE 7086324982 Monoj Kr. Shyam,SA
		Construction of Retaining walls, protection work etc.	Old ND Road (Br No. 5/1)	Time of impact	6 months	10000	50.00		50.00	State Flagship	Continous flow of traffic	The bridge approaches will be protected from erosion	Mohendra Nath Bora, JE 9101004303 Bitupan Sonowal, JE 6901253898 Monuranjan Doimari, JE 7086324983

													Monoj Kr. Shyam,SA
		Construction of Retaining walls, protection work etc.	Upper Deopani Lakhimon Mondir Road	Time of impact	6 months	1600	60.00		60.00	State Flagship	Continuous flow of traffic	The road will be protected from erosion and landslide	Mohendra Nath Bora, JE 9101004303 Bitupan Sonowal, JE 6901253898 Monuranjan Doimari, JE 7086324984 Monoj Kr. Shyam,SA
		Construction of cross drainages with E/W, Sand Gravelling etc.	Japarajan to Old ND Road	Time of impact	6 months	6000	25.00		25.00	State Flagship	Continuous flow of traffic	The road will be protected from erosion and landslide	Debasish Dutta, JE 9101928065 Bitupan Sonowal, JE 6901253898 Monuranjan Doimari, JE 7086324985 Indrajit Mazumdar, SA
		Construction of cross drainages with E/W, Sand Gravelling etc.	Nagakhuli-Khakrajan Road	Time of impact	6 months	3000	22.00		22.00	State Flagship	Continuous flow of traffic	The road will be protected from erosion and landslide	Debasish Dutta, JE 9101928065 Bitupan Sonowal, JE 6901253898 Monuranjan Doimari, JE 7086324986 Indrajit Mazumdar, SA
		Construction of cross drainages with E/W, Sand Gravelling etc.	Old ND rd-Hollowkuhuwa	Time of impact	6 months	4000	30.00		30.00	State Flagship	Continuous flow of traffic	The road will be protected from erosion and landslide	Debasish Dutta, JE 9101928065 Bitupan Sonowal, JE 6901253898 Monuranjan Doimari, JE

													7086324987 Indrajit Mazumdar, SA
		Costruction of Retaining walls, protection work etc.	BBDC Road	Time of impact	6 months	21000	800.00		800.00	State Flagship	Continous flow of traffic	The road will be protected from erosion and lanslide	Mohendra Nath Bora, JE 9101004303 Bitupan Sonowal, JE 6901253898 Monuranjan Doimari, JE 7086324982 Ashis Lushon Bora, JE 7086499423
	Preparedness	Formation of quick response team and provide adequate training	All affected Roads and Bridges	Time of impact	1 day	71680	Nil				Quick and uncaotic response at the time of hazard	Quick and uncaotic response at the time of hazard	Sukdha Chowhai, EE 9435167728 Prabhat Bey,AEE 9678443606 Pawan Timung, AEE 9577339317 Kolom Sing Bey, JE 9954183865 Abhijit Doley, JE 8099853676 Ashis Lushon Bora, JE 7086499423 Bhupom Shyam, JE 6000582733 Bitupan Sonowal, JE 6901253898 Mitu Kalita, JE 7002373578 Mohendra Nath Bora, JE

													9101004303 Monuranjan Doimari, JE 7086324982 and all the SAs
		Machineries And Tools	All affected Roads and Bridges	Time of impact	1 day	71680	1.00		1.00	State Flagship	Quick and uncaotic response at the time of hazard	Quick and uncaotic response at the time of hazard	Prabhat Bey,AEE 9678443606 Pawan Timung, AEE 9577339317 Ashis Lushon Bora, JE 7086499423 Kolom Sing Bey, JE 9954183865 Bitupan Sonowal, JE 6901253898
	Capacity building	Provide training to the response team how to act at the time of hazard	Divisiona l Office	1 day	1 day	71680					To act smart and quick at the time of hazard	Quick and uncaotic response at the time of hazard	Sukdha Chowhai, EE 9435167728 Prabhat Bey,AEE 9678443606 Pawan Timung, AEE 9577339317 Kolom Sing Bey, JE 9954183865 Abhijit Doley, JE 8099853676 Ashis Lushon Bora, JE 7086499423 Bhupom Shyam, JE 6000582733 Bitupan Sonowal, JE 6901253898 Debasish Dutta, JE

													9101928065 Mitu Kalita, JE 7002373578 Mohendra Nath Bora, JE 9101004303 Monuranjan Doimari, JE 7086324982 Ranjan Bey, JE 9678016218 and all the SAs
Response and relief	Site clearance using excavators	All affected Roads.	Time of impact	4-5 hrs	71680	5.00		5.00	State Flagship	Quick action in providing undisrupte d communic ation	Undisrupted vehicular traffic	Robin Chetiya, SA 9954686485 Moinul Haque, SA 8811981176 Rensing Rongphar, SA 9101943768 Sarwan Kro, SA 7637987598 Kangbura Engti,SA Larsing Engti,SA Monoj Kr. Shyam,SA and all SAs	
	Machineries And Tools	All affected Roads and Bridges	Time of impact	1 day	71680	1.00		1.00	State Flagship	Quick and uncaotic response at the time of hazard	Quick and uncaotic response at the time of hazard	Prabhat Bey,AEE 9678443606 Pawan Timung, AEE 9577339317 Ashis Lushon Bora, JE 7086499423 Kolom Sing Bey, JE 9954183865 Bitupan Sonowal, JE	

													6901253898
	Response and relief	Site clearance using excavators	All affected Roads.	Time of impact	4-5 hrs	71680	5.00		5.00	State Flagship	Quick action in providing undisrupted communication	Undisrupted vehicular traffic	Robin Chetiya, SA 9954686485 Moinul Haque, SA 8811981176 Rensing Rongphar, SA 9101943768 Sarwan Kro, SA 7637987598 Kangbura Engti,SA Larsing Engti,SA Monoj Kr. Shyam,SA and all SAs
		Cleaning and removing of debris from culvert openings	All affected roads	Time of impact	5-6 hrs	71680	Nil				Proper discharge of rain and drain water	Proper drainage of water	Robin Chetiya, SA 9954686485 Moinul Haque, SA 8811981176 Rensing Rongphar, SA 9101943768 Sarwan Kro, SA 7637987599 Kangbura Engti,SA Larsing Engti,SA Monoj Kr. Shyam,SA and all SAs
		Cleaning and removing of debris from culvert openings	All affected roads	Time of impact	5-6 hrs	71680	Nil				Proper discharge of rain and drain water	Proper drainage of water	Robin Chetiya, SA 9954686485 Moinul Haque, SA 8811981176 Rensing Rongphar, SA

													9101943768 Sarwan Kro, SA 7637987599 Kangbura Engti,SA Larsing Engti,SA Monoj Kr. Shyam,SA and all SAs
	Reconstruction, recovery and rehabilitation	Damage assessment of structure	All affected Roads and Bridges	Time of impact	1 day	71680	Nil				Actual cost to be incurred during constructi on	Prepare estimate of repair/reconstruc tion	Sukdha Chowhai, EE 9435167728 Prabhat Bey,AEE 9678443606 Pawan Timung, AEE 9577339317
		Prepare estimates to repair/reconstru ct the damage structures	All affected Roads and Bridges	Time of impact	3-4 days	71680	0.50		0.50	State Flagship	Actual cost to be incurred during constructi on	Prepare estimate of repair/reconstruc tion	Kolom Sing Bey, JE 9954183865 Abhijit Doley, JE 8099853676 Ashis Lushon Bora, JE 7086499423 Bhupom Shyam, JE 6000582733 Bitupan Sonowal, JE 6901253898 Debasish Dutta, JE 9101928065 Mitu Kalita, JE 7002373578 Mohendra Nath Bora, JE 9101004303 Monuranjan Doimari, JE 7086324982

	Coordination	Report damage assessment and mitigation measures taken/to be taken if any to the DDMA		Time of impact	3 hrs	71680	Nil				To initiate quick response	Intimation of information	Sukdha Chowhai, EE 9435167728 Prabhat Bey,AEE 9678443606 Pawan Timung, AEE 9577339317 Abhijit Doley, JE 8099853676 Bhupom Shyam, JE 6000582733 Mohendra Nath Bora, JE 9101004303 Ranjan Bey, JE 9678016218
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Name of the Department: PWD Diphu Roads Division													
Plan- Duration: 1(one) year													
Plan approved by:													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3		4	5	6		7	8	9	10
		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status In lakh Rs.		Relevant Flagship (CSS/State Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Avail able	Gap				
Flood, Land Slides & Erosion	Prevention and mitigation	Construction of protection works of bridges approaches	1.3rd of DM rd. to Harilal Basti via Rangnihang (Br.No.1/1) 2.Road from Beltola to Kakati	Time of impact	3 months	5000	180.00		180.00	State Flagship	Continuous flow of traffic	The bridges approaches will be protected from erosion	D. Das,EE-7002660679 P. Teron,AEE-7002445806 S. Enghi,AEE-8011776240

			Ronghang village(Br.No.1/1) 3.NH-36 (Manja Veterinary colony) to Mohendijua HS School via Majuar Timung village(Br.No.1/1)										
		Construction of Breast wall, Retaining wall etc.	1.Lower Mohendijua to Majgaon 2.16th KM of Jhum Control road to Joseph Chriatian Basti 3.Dhansiri Kherbari Road	Time of impact	3 months	4500	200.00		200.00	State Flagship	Continuous flow of traffic	The roads road will be protected from erosion and lanslide	D. Das,EE-7002660679 P. Teron,AEE-7002445806 S. Enghi,AEE-8011776240
	Preparedness	Construction of protection works of bridges approaches	1.3rd of DM rd. to Harilal Basti via Rangnihang (Br.No.1/1) 2.Road from Beltola to Kakati Ronghang village(Br.No.1/1) 3.NH-36	Time of impact	3 months	5000	180.00		180.00	State Flagship	Continuous flow of traffic	The bridges approaches will be protected from erosion	D. Das,EE-7002660679 P. Teron,AEE-7002445806 S. Enghi,AEE-8011776240

			(Manja Veterinary colony) to Mohendijua HS School via Majuar Timung village(Br.N o.1/1)										
		Construction of Breast wall, Retaining wall etc.	1.Lower Mohendijua to Majgaon 2.16th KM of Jhum Control road to Joseph Chriatian Basti 3.Dhansiri Kherbari Road	Time of impact	3 months	4500	200.00		200.00	State Flagship	Continuous flow of traffic	The roads road will be protected from erosion and landslide	D. Das,EE-7002660679 P. Teron,AEE-7002445806 S. Enghi,AEE-8011776240
	Capacity building	Provide training to the quick response team how to act at the time of hazard.	Division	1 day	1 day	9500					To act smart and quick at the time of hazard	Quick and uncaotic response at the time of hazard	D. Das,EE-7002660679 P. Teron,AEE-7002445806 S. Enghi,AEE-8011776240
	Response and relief	Site clearance using excavators, Cleaning and removing of debris from culvert openings etc.	All Roads and Bridges	Time of impact	3-4 hrs	9500	5.00		5.00	State Flagship	Quick action in providing undisrupte d communication	Continuous flow of traffic	B. Chetry,JE-7002357606 P.Thakuria,JE-9678187434 Nakul Mili,JE-8638785917

	Reconstruction, recovery and rehabilitation	Assessment of damages cause to structures.	All Roads and Bridges	Time of impact	1 day	9500	Nil				Actual cost to be incurred during construction	Prepare estimate of repair/reconstruction	B. Chetry,JE-7002357606 P.Thakuria,JE-9678187434 Nakul Mili,JE-8638785917
		Prepare estimates to repair/reconstruct the damaged structures.	All Roads and Bridges	Time of impact	3 days	9500	0.50		0.50	State Flagship	Actual cost to be incurred during construction	Prepare estimate of repair/reconstruction	B. Chetry,JE-7002357606 P.Thakuria,JE-9678187434 Nakul Mili,JE-8638785917
	Coordination	Report assessment of damages cause to the structures and prevention and mitigation measures taken/to be taken if any to the DDMA		Time of impact	3 hrs		Nil				To initiate quick response	Intimation of information	B. Chetry,JE-7002357606 P.Thakuria,JE-9678187434 Nakul Mili,JE-8638785917

2. Irrigation Department.

Name of the Department: Irrigation Diphu Division											
Plan- Duration: (Month-month, year) April-July 2022											
Plan approved by: Superintending Engineer, Diphu Circle, Irrigation, Assam, Diphu											
Planning (in the beginning of the year)											
Hazard	Phase	1	2	3	4	5	6	7	8	9	10
		Proposed interventions	Targeted areas	Time Line	Expected Nos. of people to	Fund requirement	Funding status	Relevant Flagship (CSS/Sta	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting

						be benefitted	In lakh Rs.	In lakh Rs.		te Flagship)			
				Start	End			Avail able	Gap				
Storm/Cyclone	Prevention and mitigation	Repairing/Restoration of solar powered tube well schemes	Repairing/damage of solar modules	March	April	60	5.00	Nil	-	-	Additional GI structure with protection system	20 nos. of beneficiaries aware about storm and cyclonic affect	Executive Engineer Diphu Division (irrigation) Diphu
	Preparedness	-	-	-	-	-	-	-	-	-	-	-	
	Capacity building	-	-	-	-	-	-	-	-	-	-	-	
	Response and relief	-	-	-	-	-	-	-	-	-	-	-	
	Reconstruction, recovery and rehabilitation	-	-	-	-	-	-	-	-	-	-	-	
	Coordination	-	-	-	-	-	-	-	-	-	-	-	

Name of the Department: Irrigation Diphu Division
Plan- Duration: (Month-month, year) April-May 2022

	Reconstruction, recovery and rehabilitation	Repairing of structures damaged during the flood.	Damaged structures due to flood	April , 2022	July, 2022	-	As per Estimate prepared after identifying the extent of damages.	-	-	As per approved Annual Action Plan (SOPD), 2022-2023	-	-	
	Coordination	-	-	-	-	-	-	-	-	-	-	-	

3. Water Resources Department.

Name of the Department: Water Resources Division, Diphu													
Plan- Duration: 1(one) year													
Plan approved by:													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3		4	5	6		7	8	9	10
		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status In lakh Rs.		Relevant Flagship (CSS/State Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Avail able	Gap				
EROSION/INUNDATION	Prevention and mitigation	Boulder Pitching, Saucers Bar, Geo Bag Pitching, Embankment	Vulnerab le areas/Low Lying areas	Time of impact	6 months	20000	1500		1500	State Flagship	Will be protected from further erosion/In undation	40.00 Hact will be protected	Mizi Kro, E.E. 8721047154
	Preparedness	Formation of quick response team and provide adequate	Highland /Vulnera ble areas/Low Lying	Time of impact	1 day	20000	Nil				Quick and uncaotic response at the time of hazard	Quick and uncaotic response at the time of hazard	Mizi Kro, E.E. 8721047154

		training	areas										
		Machineries And Tools	Highland /Vulnerable areas/Low Lying areas	Time of impact	1 day	20000	1.00		1.00	State Flagship	Quick and uncaotic response at the time of hazard	Quick and uncaotic response at the time of hazard	Mizi Kro, E.E. 8721047154
	Capacity building	Provide training to the response team how to act at the time of hazard	Division	1 day	1 day	20000					To act smart and quick at the time of hazard	Quick and uncaotic response at the time of hazard	Mizi Kro, E.E. 8721047154
	Response and relief	Site clearance using excavators	Highland /Vulnerable areas/Low Lying areas	Time of impact	3-4 hrs	20000	1.00		1.00	State Flagship	Quick action in providing undisrupte d communication	Undisrupted vehicular/ traffic	Jonathon Terang, J.E. 9864746640 Jeevan Mech, J.E. 9864852658
		Cleaning and removing of debris from Sluice openings/Earth filling at raincut/dumpin g of earth filled cement bag at boiling/bamboo palisading	Highland /Vulnerable areas/Low Lying areas	Time of impact	4-5 hrs	20000	5.00		5.00		Proper discharge of rain and drain water	Proper drainage of water	Jonathon Terang, J.E. 9864746640 Jeevan Mech, J.E. 9864852658

	Reconstruction, recovery and rehabilitation	Damage assessment of structure	Vulnerable areas/Low Lying areas	Time of impact	1 day	20000	Nil				Actual cost to be incurred during construction	Prepare estimate of repair/reconstruction	Mizi Kro, E.E. 8721047154
		Prepare estimates to repair/reconstruct the damage structures	Vulnerable areas/Low Lying areas	Time of impact	3 day	20000	5.00		5.00	State Flagship	Actual cost to be incurred during construction	Prepare estimate of repair/reconstruction	Mizi Kro, E.E. 8721047154
	Coordination	Report damage assessment and mitigation measures taken/to be taken if any to the DDMA		Time of impact	3 hrs		Nil				To initiate quick response	Intimation of information	Mizi Kro, E.E. 8721047154

4. Social Welfare Department.

Name of the Department: District Social Welfare Officer, Karbi Anglong Diphu													
Plan- Duration : February 2022 to Sept 2022													
Plan approved by:													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3		4	5	6		7	8	9	10
		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status In lakh Rs.		Relevant Flagship (CSS/State Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Available	Gap				
P.O.D	Prevention and	1.children,	1.Diphu Rural	July	Aug	1.Children- 821	Rs.5.00	-	-	CSS/State	-	-	DSWO & CDPOs

	mitigation	2.Pregnant women 3.Lactating mother 4.old Aged, 5.Desable Person,	7 Nos.of ICDS centres, 2.Bokajan 6 Nos. ICDS centres 3. Howraghat 8 Nos of ICDS centres			2.Pregnant - 49 3.Lactating - 77 4.Old aged- 303 5.PwDs- 83 Total= 1333 Nos.				flagship			
	Preparedness	3 Nos. of ICDS project - Diphu urban, Howraghat & Bokajan	Diphu Rural ICDS centres, Bokajan ICDS centres & Howraghat ICDS centres	Mar	April	1.Children- 821 2.Pregnant - 49 3.Lactating - 77 4.Old aged- 303 5.PwDs- 83 Total= 1333 Nos.	Rs.1.00	-	-	CSS/State flagship	-	-	DSWO & CDPOs
	Capacity building	Anganwadi Worker & Helper, Supervisor, SA etc.	Diphu Rural ICDS centres, Bokajan ICDS centres & Howraghat ICDS centres	Feb	Mar	Under 11 Nos. ICDS Project CDPO= 11 Supervisor= 107 SA= 12 AWW= 2449 AWH= 2449+621 Total= 5649 Nos.	Rs.4.00	-	-	CSS/State flagship	-	-	DSWO & CDPOs
	Response and relief	1.Children 2.Pregnant 3.Lactating 4.Old aged 5.PWDs	Diphu Rural ICDS centres, Bokajan ICDS centres & Howraghat ICDS centres	June	Aug	1.Children- 821 2.Pregnant - 49 3.Lactating - 77 4.Old aged- 303 5.PwDs- 83 Total= 1333 Nos.	Rs.5.00	-	-	CSS/State flagship	-	-	DSWO & CDPOs
	Reconstruction, recovery and re habilitation	ICDS project Office & Anganwadi Centres	Diphu Rural ICDS centres, Bokajan ICDS centres & Howraghat ICDS centres	Sept	Oct	1.Children- 821 2.Pregnant - 49 3.Lactating - 77 4.Old aged- 303 5.PwDs- 83 Total= 1333 Nos.	Rs.13.50	-	-	CSS/State flagship	-	-	DSWO & CDPOs

	Capacity building	Nil
	Response and relief	Nil
	Reconstruction, recovery and re habilitation	Nil
	Coordination	Nil

7. Fisheries Department.

Name of the Department: Department of Fisheries, Karbi Anglong Diphu													
Plan- Duration : April 2022 to March 2023													
Plan approved by:													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3		4	5	6		7	8	9	10
		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status In lakh Rs.		Relevant Flagship (CSS/State Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Available	Gap				
Flood e.g	Prevention and mitigation	Construction of bundh, drains, inlet & outlet installation of sand bags, rock berm or catchment areas wherever	East Karbi Anglong as a Whole	April 2022	March 2023	50	4.00	3.00	1.00		Minimized flood damages and controlled soil erosion, strengthening of embank	Improved productivity and enhanced economy of the farmers. Restoration of embankment.	Henkholal Changsan Fishery Development Officer & Nodal Officer (Fisher) DDMA, Karbi Anglong, Diphu

		required									ment.		
	Preparedness	Departmental field staffs may be deployed and engaged to meet any eventuality that may occurs.		April 2022	March 2023	30	1.00	0.70	0.30		Incident s may be averted at the affected areas	Minimized & controlled natural calamities.	
	Capacity building	Providing technical supports and motivation and guidances to the affected persons		April 2022	March 2023	50	0.50	0.50			Familiarity of Technical know how and in dealing with the situations.	Self efficient during the situations	
	Response and relief	Support materially and financially to those affected families.		April 2022	March 2023	50	2.50	2.00	1.50		Procurement of essential items from department as required	Sustains one self in need and better livelihood	
	Reconstruction, recovery and rehabilitation	As per requirement at ground level		April 2022	March 2023	30	1.00	0.50	0.50		Improvement of requirement	Stability of need base	

	Coordination	Awareness campaign timely intervention, Communication & Exchanging information.		April 2022	March 2023	50	0.60	0.30	0.30		Being informed and alerts may avert future outcomes.	Avail knowledge in regards to scientific technique of fish cultures	
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8. Soil Conservation Department.

Name of the Department: Soil Conservation Department, Karbi Anglong Diphu													
Plan- Duration : 2022-23													
Plan approved by:													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3		4	5	6		7	8	9	10
		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status In lakh Rs.		Relevant Flagship (CSS/State Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Availabl e	Gap				
Erosion/Flood	Prevention and mitigation	Water Harvesting	Slope Lands with problems of quick surface run of velocity	Sept.	April	More than 150 Nos.	93	Availabl e in SOPD	-	WDC-PMKSY-2.0	Increase in Infiltration rate/Soil moisture /product ion per unit area	Decease in soil loss	Divisional Officer Diphu/Hamren/Kohora
		Tea Plantation	Erosion prone/jhumland	May	Augt.	48 nos.	66.16	Availabl e in SOPD	-	-WDC-PMKSY-2.0	Alternat e to income to famers	Decease in run of/ soil erosion	Divisional Officer Hamren/Kohora

		Area Nut Plantation	Erosion prone/jhumland/deforested land	Mid May	Augt.	91 Nos.	90.2	Available in SOPD	-	-WDC-PMKSY-2.0	Increase in Infiltration rate/Soil moisture /production per unit area	Decrease in run of/ soil erosion	Divisional Officer Diphu/Hamren/Kohora	
		Bamboo Plantation	Diphu S.C. Range, Hamren S.C. range			71.75 Ha	49.13	Available in SOPD		-WDC-PMKSY-2.0	Alternate income to farmers	Decrease in run of/soil erosion	Divisional Officer Diphu/Hamren/Kohora	
		Nature Conservation	Public Place/Park etc.	April	August	19 Nos.	45.1	Available in SOPD	-	-WDC-PMKSY-2.0	Awareness towards environment conservation/decrease in soil loss	Decrease in run of/soil erosion	Divisional Officer Diphu/Hamren/Kohora	
		Capacity building	Training to SHG/UG	SHG/UG	June	August	More than 1000	34.72	Available in SOPD	Nil	-WDC-PMKSY-2.0	Imparting training to more SHG/UG	Increasing knowledge for natural resources management	Divisional Officer Diphu/Hamren/Kohora
		Response and relief	The response and relief operations will be taken for the above mentioned interventions in consultation with the District Disaster Management Authority as and when the disaster like situations occurs.											
	Reconstruction, recovery and rehabilitation	The response and relief operation will be take for the above mentioned interventions in consultation with the District Disaster Management Authority as and when the disaster like situation occurs.												

	Coordination		
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9. Agriculture Department.

Name of the Department: Department of Agriculture, Karbi Anlong

Plan Duration APRIL 2022- March2023, Plan Approved by –

(A)

Hazard	PHASES	Planning in the beginning of the year											
		1	2	3		4	5	6		7	8	9	10
		Proposed Interventions	Targeted Area	Timeline		Expected nos of Beneficiaries	Fund Requirement in Lakhs Rs.	Funding Status in Lakhs Rs.		Relevant Flagship (CSS/State)	Expected Result (output)	Key performance Indicator	Responsible person for Reporting
Start	End			Available	Gap								
FLOOD	Prevention	Community Nurseries for Flood tolerant var .& Late Variety for Sali Paddy	200 ha.	June	October	7404 Nos.	10.48	2.62	7.86	* SOPD	Submergence tolerant varieties will meet the loss	Farmers using Submergence tolerance varieties	Sri Gopal Thaosen, Agriculture Asst. Inspector
	Mitigation	Kharif Legumes (Green/Black Gram)	550 ha.	June	September		12.10	Nil	12.10	*	Kharif Legume will meet the loss	Short duration varieties	
	Preparedness	Normal departmental awareness Programmes	----	April	March	---	-----	-----	-----	*	RKVY, NFSM, ATMA, APART		
	Capacity Building	Normal departmental awareness Programmes	----	April	March	---	---	-----	-----	*			
	Response & Relief	Distribution of Seedlings and seed		Flood gets out of the field	offset of Monsoon	----	---	----	-----				

	Reconstruction, Recovery & Rehabilitation	Rabi crops Mustard Seed Pea Wheat Potato Tractorisation Plant protection measure	(IN HA.) 3250 1200 1300 550 3200 <hr/> 10139.55	October	January	-----	22.75 44.00 43.62 506.00 15.00 5.00 <hr/> ST.631.34	3.18	636.37	*	Rabi cropping will compensate the loss, done by flood	Rabi crops including Legumes	
	Co-ordination												
GT			1088955	-		7404 Nos	660.79	5.80	654.99				

(B)

Hazard	PHASES	Planning in the begining of the year											
		1	2	3		4	5	6		7	8	9	10
		Proposed Interventions	Targeted Area	Timeline		Expected nos of Beneficiaries	Fund Requirement in Lakhs Rs.	Funding Status in Lakhs Rs.		Relevant Flagship (CSS/State)	Expected Result (output)	Key performance Indicator	Responsible person for Reporting
DROUGHT	Prevention			Start	End			Available	Gap				
		Arrangements for Irrigation	6000 Ha	June	October	13000 apprx.	62'00	-----	62'00		Irrigate the field to cultivate	Farmers owned pump	Sri Gopal Thaosen, Agriculture Asst. Inspector
	Mitigation	Less water demanding crops	----	—	—	—	----	----	----	—	—	—	
	Preparedness	Normal departmental awareness	----	—	—	—	----	----	----	—	—	—	

		Programmes											
	Capacity Building	Normal departmental awareness Programmes	----	—	—	—	----	----	----	—	—	—	
	Response & Relief	Distribution of Seedlings and seed	----	—	—	—	----	----	----	—	—	—	
	Reconstruction ,Recovery & Rehabilitation		----	—	—	—	----	----	----	—	—	—	
	Coordination		----	—	—	—	----	----	----	—	—	—	
GT			6000 Ha	-		13000 apprx.	62'00		62'00				

10. Deputy Director, Town And Country Planning, Diphu Department.

Name of the Department: Department of Deputy Director, Town And Country Planning, Karbi Anlong

Plan Duration April 2022- March 2023, Plan Approved by –

Annexure-I

Hazard	PHASES	Planning in the beginning of the year											
		1	2	3		4	5	6		7	8	9	10
		Proposed Interventions	Targeted Area	Timeline		Expected nos of Beneficiaries	Fund Requirement in Lakhs Rs.	Funding Status in Lakhs Rs.		Relevant Flagship (CSS/State Flagship)	Expected Result (output)	Key performance Indicator	Responsible person for Reporting
				Start	End			Available	Gap				
FLOOD/Landslide	Prevention	Construction of Boulder Retaining Wall	Matipung near Radio Centre/Sankur Anglong/PWD Colony near DTBC under	July	December	More than 500 nos. of people near by the areas will be benefited	Rs. 21.00 L	Rs. 21.00 L of fund is placed in the SOPD Schemes 2022-2023	--	State Flagship	The targeted schemes will be completed during the financial year 2022-2023	To reduce landslide, road blockage, building damages and protection of human habitation	Sri Reuben Ronghang Deputy Director, T&CP,Diphu

			Diphu town									and residential area etc.	
	Mitigation	Construction of Drainage	Rongchingthur, Diphu	July	December	More than 100 nos. Of people near by will be benefited	Rs. 9.00 L	Rs. 9.00 L of fund is placed in the SOPD Schemes 2022-2023	--	State Flagship	The targeted schemes will be completed during the financial year 2022-2023	To eradicate water logging	Sri Reuben Ronghang Deputy Director, T&CP,Diphu
	Preparedness	There is a quick response team under all Municipal Board and Town Committee											
		Availability of equipment and tools (Helmet, Fire Extinguisher, Ropes, Ladder, First Aids Boxes, Spade etc.											
	Capacity Building	Training on capacity building provided by District Disaster Management Authority											
	Response & Relief	The response and relief operation will be taken for the above mentioned interventions in consultation with the District Disaster Management Authority as and when the disaster like situation occurs.											
	Reconstruction, Recovery & Rehabilitation	The reduction and recovery and rehabilitation operations will be taken for the above mentioned interventions in consultation with the District Disaster Management Authority as and when the disaster like situation occurs.											
	Co-ordination	Active and responsive coordinating will be maintained with the District Disaster Management Authority as and when the disaster like situation occurs.											

11. DFO, Karbi Anglong West Division, Diphu Department of Environment & Forests and Climate Change.

Name of the Department: **DFO, Karbi Anglong West Division, Diphu Department of Environment & Forests and Climate Change**
 Plan Duration April 2022- March 2023, Plan Approved by –

Annexure-I

Hazard	PHASES	Planning in the beginning of the year									
		1	2	3	4	5	6	7	8	9	10
		Proposed Interventions	Targeted Area	Timeline	Expected nos of Beneficiaries	Fund Requirement	Funding Status in Lakhs Rs.	Relevant Flagship	Expected Result (output)	Key performance Indicator	Responsible person for Reporting

				Start	End		in Lakhs Rs.	Available	Gap	(CSS/State Flagship)			
Wild fire/Flood/Landslide	Prevention and Mitigation	Wild Fire	Forest areas	February	September	150 (Approx.)	30.00	-	Gap	State Flagship	Formation of response team under each Rang Office for providing resources for rapid recovery following natural disaster of life and property within a framework sound budget management	Nodal Officer will visit the site and make assessment of the changes and achievement	DFO, Karbi Anglong West Division, Diphu as Zonal Officer and all ACF's and Range Office incharge under Karbi Anglong West Division, Diphu will be the Nodal Oiffer.
	Preparedness	Formation of quick response team under each Range Office	Fringe villages	February	March	100 (Approx)	15.00		Gap	State Flagship	Prevention of road accident , injuries and damage of infrastructure and properties Preparedness to deal with any disaster and prompt respond to any such situation that may arise.		-Do-
	Capacity Building	Training of fronline staffs and local volunteers	Forest fringe villages	February	March		15.00		Gap	State Flagship		-Do-	-Do-
	Response & Relief	Quick response team with DDMA	-	-	-	-	-	-	-	-	-	-Do-	-Do-
	Reconstruction, Recovery & Rehabilitation	-	-	-	-	-	-	-	-	-	-	-Do-	-Do-
	Co-ordination	District Disaster Management Authority	-	-	-	-	-	-	-	State Flagship	-	-Do-	-Do-

	Reconstruction, Recovery & Rehabilitation	-	-	-	-	-	-	-	-	-	-	-Do-	-Do-
	Co-ordination	District Disaster Management Authority	-	-	-	-	-	-	-	State Flagship	-	-Do-	-Do-

12. Public Health Engineering Department (PHE)

Name of the Department/Organisation/Institution:- Public Health Engineering Department , KAAC,Diphu													
Plan Duration (Month-Month, year): May- Sept,2022													
Plan Approved by:- Addl Chief Engineer (PHE), KAAC, Diphu.													
Hazard	Phases	Planning (in the beginning of the year)											
		1	2	3		4	5	6		7	8	9	10
		Proposed intervention	Targeted areas	Time line		Expected number of people to be benifitted	Fund requirem ent (in lakh Rs.)	Funding status (in lakh Rs.)		Relevant Flagship (CSS/State Flagship)	Expected result (output)	Key Performance indicator/s	Responsible persons for reporting
				Start	End			Availa ble	Gap				
e.g Flood	Prevention & Mitigation	Raising of HTW @ Shallow platform.	Dwearb agori and	Ist week of May	Ist week of July	40,000 souls approx.	6.20 Cr.	Nil	Rs.6.20 Cr.	JJM/SBMG	Safety of drinking water sources from contamination.	5458 nos HTW./SHP/TP/ M-III 7000 S.R/w.	AEE (T/C),
	Preparedness	Stocking of Chemical for water treatment and stocking of Temp. Latrine plate.	Karbi Anglong Dist.	Ist week of May	Ist week of July	Total population of Karbi Anglong Dist.	RS.50.00 LAKHS	RS.50.00 LAKHS	Nil.	SOPD	Purification of all sources of drinking water.	All sourceses of drinking water. And PWSS.	Lab i/c., DLL. And Executive Engineer (PHE) Diphu (Rural)

	Capacity Building	Training of all staff.	All field staff.	1st week of May	Last week of May	200 nos.	Rs.20 thousand	Nil	Rs.20 thousand	SOPD / JJM/SBM	Well trained staff on FloodMamnagement.	Well trained staff on Flood Mamnagement	A.E.E (T/C) Urban W/S Division, Diphu and A.E.E (T/C) office of the Addl. Chief Engineer, KAAC, Diphu.
	Response & relief												
	Reconstructi on, recovery and rehabilitation												
	Coordination												

Name of the Department: Diphu Urban Water Supply Division, Karbi Anglong, Diphu													
Plan- Duration: April 2022 to March 2023													
Plan approved by: Executive Engineer (PHE) Diphu Urban Water Supply Division.													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3		4	5	6		7	8	9	10
		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status In lakh Rs.		Relevant Flagship (CSS/State Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Avail able	Gap				
Flood	Prevention and mitigation	1 Protection of water Supply assets	1a. Strengthe ning of intake	1/04/2022	31/03/2023	9000	20	0	20	None	1a. & 1b. Prevention from damaged by Flood	1a. & 1b. Expected quantity of supply of water during Flood	1. AEE Const. (8638788939) 2. AEE Maint. (7002649669)
			1b. Strengthe ning of Raw Water Pipeline	1/04/2022	31/03/2023	9000	8	0	8				

			including supportin g pillar										
		2 Extension of Water supply facilities to vulnerable areas	2a. Extensio n of Distributi on networks to vulnerabl e areas	1/04/20 22	31/03/2 023	6000	25	10	15		1a. & 1b. Coverage of Vulnerabl e area	1a. & 1b. Required quantity of safe water as per ADMM-2015	
			2b. Retrofitti ng of OHR/C WR near vulnerabl e areas	1/04/20 22	31/03/2 023	9000	20	0	20				
	Preparedness	1 Chlorination	1. Chlори nation of RW/Rese rvoir/OH R	1/04/20 22	15/06/2 022	9000	1	0	1	None	1. Safe Water	1. Less no. Of Water borne disease.	AEE Maint. (7002649669)
		2 Stock piling of essential materials	2a. Squatting Plates	1/04/20 22	15/06/2 022	800	0	0	0	Support from Diphu (R) Div.	2a. Sanitary Toilet	2a. Less Water Borne & sanitation related disease	AEE Const. (8638788939) AEE Maint. (7002649669)
			2b. Chemical s/Haloge n Tablets/C hemical packates	1/04/20 22	1/10/20 22	9000	10	5	5	None	2b. Safe water	2b. Less of Water borne disease.	AEE Maint. (7002649669)
			2c. Fast- moving compone	1/04/20 22	31/03/2 023	9000	15	5	10		2c. Routine water	2c. Adequate safe Water	AEE Maint. (7002649669)

			nts for water Supply & storage Tank								Supply		
		3 Ensuring vehicular movement & mobile treatment unit for use during Flood	3a. Repairin g of Trucks/T ankers	1/04/20 22	31/03/2 023	3000	5	3	2	Support from Diphu (R) Div.	3a. & 3b. Ready for Movement	3a. & 3b. Timely supply of water	AEE Maint. (7002649669)
			3b. Repairin g of Mobile Treatmen t Unit				0	0	0	None			
		4 Manpower Planning	4a. Preparati on of duty roster	1/04/20 22	15/02/2 022	100	0	0	0		4a. & 4b. Efficient utilization of Manpower	4a. & 4b. Timely & adequate water supply	EE (9435509495)
			4b. Addition al manpowe r by withdraw al from less important duty.	1/04/20 22	15/05/2 022	20	0	0	0				
		5 Establishment of Control room in Office		1/05/20 22	15/10/2 022	3000	0	0	0		5. Timely flow of data	5.Proper coordination	AEE Const. (8638788939)
	Capacity Building	1 Training of Departmental Field staff	1a. Training on	1/04/20 22	30/06/2 022	100	0	0	0	Support from Diphu (R	1a. Ensuring safe water	1a. Less of water borne disease	AEE Maint. (7002649669)

			Chlorinat ion and Water Quality Testing) Div. Under JJM			
			1b. Sanitatio n & Hygiene, Awarene ss Training	1/04/20 22	30/06/2 022	100	0	0	0		1b. Clean Locality/ Campus	1b. Less Sanitation related disease	AEE Maint. (7002649669)
		2 Training of NGO/Represen tatives of vulnerable areas/Opinion leaders	2a. Training on FTK & Sanitatio n & Hygiene, promotio n of Awarene ss	1/04/20 22	30/06/2 022	150	0	0	0		2a. Clean Locality/ Campus	2a. Less Sanitation related disease	AEE Maint. (7002649669)
	Response & relief	1 Management of Relief Camp & Affected Areas	1a. Engagem ent of Relief Camp in- charge & support staff	15/06/2 022	31/08/2 022	3000	0	0	0	None	1a. to 1d. Safe Drinking water in adequate quantity & Sanitation facility to inmates & Affected people	1a. to 1d. Less water borne & sanitation related disease	EE (9435509495)
			1b. Arrange ment of Safe Water in Camp & Affected	15/06/2 022	31/08/2 022	3000	5	1	4				

			people												
			1c. Regular water quality testing by Departm ental staff & NGO	15/06/2 022	31/08/2 022	3000	0.5	0	0.5						
			1d. Regular Cleaning & Hygiene promotio n drive at camps & Affected areas by NGO	15/06/2 022	31/08/2 022	800	0.5	0	0.5						
		2 Engagement of quick response team	2a. Deputing quick response team	15/06/2 022	31/08/2 022	3000	1	0.5	0.5					2a. & 2b. Immediate repair of affected installatio n & arrangeme nt of new facilities	2a. & 2b. Un- interrupted water supply & adequate Sanitation facilities to inmates
			2b. Moveme nt of materials to affected sites.	15/06/2 022	31/08/2 022	3000	1	0.5	0.5						
	Reconstruction, recovery and rehabilitation	1 Assessment of damage.	1a. Formatio n of Assessm ent team	1/08/20 22	30/09/2 022	3000	1	0	1	None	1a to 1c. Receipt of Fund for Flood damage	1a to 1c. Restoration of normal water supply	EE (9435509495)		

			& Movement								repair		
			1b. Framing of Estimates	1/08/2022	30/09/2022	3000	0.5	0.5	0				
			1c. Submission to DDMA for approval	1/08/2022	30/09/2022	3000	0	0	0				
		2 Recovery of Affected assets	2. Cleaning & Chlorination of assets including urgent repair	1/08/2022	31/10/2022	3000	10	2	8		2 Reuse of water supply assets	2 Restoration of normal water supply	AEE Const. (8638788939) AEE Maint. (7002649669)
		3 Rehabilitation	3. Flood damage repair and full scale reuse	31/10/2022	31/03/2023	3000	20	4	16		3 Reuse of water supply assets	3 water supply in adequate quantity	
	Coordination	1 With Line Dept.	1a. DDMA & District Administration	01/04/2022	31/03/2023	3000	0	0	0	None	1a. & 1b. Timely receipt of Instruction & guidance.	1a. & 1b. Smooth functioning of activities	EE (9435509495)
			1b. KAAC	1/05/2022	31/03/2023	3000	0	0	0				
			1c. Municipal Board	1c. to 1g. 1/05/20	1c. to 1g. 30/09/2					Training & Awarene	1c. to 1g. Consorted effort will	1c. to 1g. Smooth flow of activities during	

			1d. Health Dept.	22	022					ss drive are to be arranged through JJM with support from Diphu (R) Div.	be helpful.	emergency	
			1e. Social Welfare Dept.										
			1f. Education Dept.										
			1g. Pollution Control Board.										
		2 NGO/CBO	2 Identification, Training & Engagement	1/04/2022	30/09/2022	150	0	0			2 Trained manpower in emergency	2 Less water borne & Sanitation related disease through Community participation	
Storm & Landslide	Prevention & Mitigation	1 Protection of water supply assets	1a. Retrofitting of OHR	1/04/2022	31/03/2023	9000	25	0	25	None	1a. to 1c. Prevention from damage by storm & Landslide	1a to 1c. Adequate quantity of supply of water during storm & Landslide	AEE Const. (8638788939) AEE Maint. (7002649669)
			1b. Protection of distribution network in vulnerable locations	1/04/2022	31/03/2023	3000	10	3	7				
			1c. Protection of	1/04/2022	31/03/2023	9000	20	5	15				

			Treatment plant/Pumping Station										
	Preparedness	1 Chlorination	1 Chlorination of RW/Reservoir/OHR	1/04/2022	15/06/2022	9000	0	0	0	None	1 Safe Water	1 Less no. Of Water borne disease.	AEE Maint. (7002649669)
		2 Stock piling of essential materials	2a. Squatting Plates	1/04/2022	15/06/2022	500	0	0	0	Support from Diphu (R) Div.	2a. Sanitary Toilet	2a. Less Water Borne & sanitation related disease	AEE Const. (8638788939)
			2b. Chemicals/Halogen Tablets/Chemical packates	1/04/2022	1/10/2022	3000	0	0	0	None	2b. Safe water	2b. Less of Water borne disease.	AEE Maint. (7002649669)
			2c. Fast-moving components for water Supply & storage Tank	1/04/2022	31/03/2023	9000	0	0	0		2c. Routine water Supply	2c. Adequate safe Water	AEE Maint. (7002649669)
			3a. Repairing of Trucks/Tankers	1/04/2022	31/03/2023	3000	0	0	0	Support from Diphu (R) Div.	3a. & 3b. Ready for Movement	3a. & 3b. Timely supply of water	
		3 Ensuring vehicular movement & mobile treatment unit for use during Flood	3b. Repairing of				0	0	0	None			

			Mobile Treatmen t Unit										
		4 Manpower Planning	4a. Preparati on of duty roster	1/04/20 22	15/02/2 022	50	0	0	0		4a. & 4b. Efficient utilization of Manpower	4a. & 4b. Timely & adequate water supply	
			4b. Addition al manpowe r by withdraw al from less important duty.	1/04/20 22	1/05/20 22	20	0	0	0				
		5 Establishment of Control room in Office, if necessary		1/04/20 22	1/05/20 22	3000	0	0	0		5 Timely flow of data	5.Proper coordination	AEE Const. (8638788939)
	Capacity Building	1 Training of Departmental Field staff	1a. Training on Chlorinat ion and Water Quality Testing	1/04/20 22	30/06/2 022	100	0	0	0	Support from Diphu (R) Div. Under JJM	1a. Ensuring safe water	1a. Less of water borne disease	AEE Maint. (7002649669)
			1b. Sanitatio n & Hygiene, Awarene ss Training	1/04/20 22	30/06/2 022	100	0	0	0		1b. Clean Locality/ Campus	1b. Less Sanitation related disease	

		2 Training of NGO/Represen tatives of vulnerable areas/Opinion leaders	2a. Training on FTK & Sanitatio n & Hygiene, promotio n of Awarene ss	1/04/20 22	30/06/2 022	150	0	0	0		2a. Clean Locality/ Campus	2a. Less Sanitation related disease	
	Response & relief	1 Management of Relief Camp & Affected Areas	1a. Engagem ent of Relief Camp in- charge & support staff	1/04/20 22	31/08/2 022	3000	0	0	0	None	1a. to 1d. Safe Drinking water in adequate quantity & Sanitation facility to inmates & Affected people	1a. to 1d. Less water borne & sanitation related disease	EE (9435509495)
			1b. Arrange ment of Safe Water in Camp & Affected people	1/04/20 22	31/08/2 022	3000	1	0	1				
			1c. Regular water quality testing by Departm ental staff & NGO	1/04/20 22	31/08/2 022	3000	0.2	0	0.2				
			1d. Regular	1/04/20 22	31/08/2 022	500	0.2	0	0.2				

			Cleaning & Hygiene promotion drive at camps & Affected areas by NGO										
		2 Engagement of quick response team	2a. Deputing quick response team	1/04/2022	31/08/2022	3000	0.5	0.5	0		2a. & 2b. Immediate repair of affected installation & arrangement of new facilities	2a. & 2b. Un-interrupted water supply & adequate Sanitation facilities to inmates	
			2b. Movement of materials to affected sites.	1/04/2022	31/08/2022	3000	1	0	1				
	Reconstruction, recovery and rehabilitation	1 Assessment of damage.	1a. Formation of Assessment team & Movement	1/06/2022	31/08/2022	3000	1	0.5	0.2	None	1a to 1c. Receipt of Fund for Storm & Landslide damage repair	1a to 1c. Restoration of normal water supply	EE (9435509495)
			1b. Framing of Estimates	1/06/2022	31/08/2022	3000	0.5	0.5	0				
			1c. Submission to DDMA for	1/06/2022	31/08/2022	3000	0	0	0				

			approval										
		2 Recovery of Affected assets	2 Cleaning & Chlorination of assets including urgent repair	1/08/2022	31/10/2022	3000	10	2	8		2 Reuse of water supply assets	2 Restoration of normal water supply	AEE Const. (8638788939) AEE Maint. (7002649669)
		3 Rehabilitation	3 Storm & Landslide damage repair and full scale reuse	31/10/2022	31/03/2023	3000	20	4	16		3 Reuse of water supply assets	3 water supply in adequate quantity	AEE Const. (8638788939)
	Coordination	1 With Line Dept.	1a. DDMA & District Administration	01/04/2022	31/03/2023	3000	0	0	0	None	1a. & 1b. Timely receipt of Instruction & guidance.	1a. & 1b. Smooth functioning of activities	EE (9435509495)
			1b. KAAC	1/04/2022	31/03/2023	3000	0	0	0				
			1c. Municipal Board	1c. to 1g. 1/04/2022	1c. to 1g. 30/09/2022					Training & Awareness drive are to be arranged through JJM with support from Diphu (R) Div.	1c. to 1g. Consorted effort will be helpful.	1c. to 1g. Smooth flow of activities during emergency	
			1d. Health Dept.										
			1e. Social Welfare Dept.										
			1f. Education										

			n Dept.										
			1g. Pollution Control Board.										
		2 NGO/CBO	2 Identification, Training & Engagement	1/04/2022	30/09/2022	50	0	0	0		2 Trained manpower in emergency	2 Less water borne & Sanitation related disease through Community participation	
Earthquake	Prevention & Mitigation	1 Protection of water Supply assets	1a. Strengthening of intake	1/04/2022	31/03/2023	9000	0	0	0	None	1a. to 1d. Prevention from damaged by earthquake	1a. to 1d. Adequate quantity of supply of water during earthquake	AEE Const. (8638788939) AEE Maint. (7002649669)
			1b. Strengthening of Raw Water Pipeline including supporting pillar retrofitting of OHR	1/04/2022	31/03/2023	9000	0	0	0				
			1c. Protection of distribution network in vulnerable locations	1/04/2022	31/03/2023	6000	0	0	0				

			1d. Protection of Treatment Plant/Pumping Station	1/04/2022	31/03/2023	9000	0	0	0				
		2 Extension of water supply facilities to vulnerable areas	2 Extension of distribution network to vulnerable areas	1/04/2022	31/03/2023	6000	10	0	10		To provide safe water to affected areas	Availability of water in adequate quantity	
	Preparedness	1 Chlorination	1. Chlorination of RW/Reservoir/OHR	1/04/2022	31/03/2023	9000	1	0	1	None	Safe water	Less no. Of water borne disease	AEE Maint. (7002649669)
		2 Stock piling of essential materials	2a. Squatting Plates	1/04/2022	31/03/2023	800	0	0	0	Support from Diphu (R) Div.	2a. Sanitary Toilet	2a. Less Water Borne & sanitation related disease	AEE Const. (8638788939) AEE Maint. (7002649669)
			2b. Chemicals/Halogen Tablets/Chemical packates	1/04/2022	1/10/2023	9000	0	0	0	None	2b. Safe water	2b. Less of Water borne disease.	AEE Maint. (7002649669)
			2c. Fast-moving components for water	1/04/2022	31/03/2023	9000	5	0	5		2c. Routine water Supply	2c. Adequate safe Water	AEE Maint. (7002649669)

			Supply & storage Tank										
		3 Ensuring vehicular movement & mobile treatment unit for use during Flood	3a. Repairing of Trucks/Tankers	1/04/2022	31/03/2023	3000	0	0	0	Support from Diphu (R) Div.	3a. & 3b. Ready for Movement	3a. & 3b. Timely supply of water	AEE Maint. (7002649669)
			3b. Repairing of Mobile Treatment Unit				0	0	0				
		4 Manpower Planning	4a. Preparation of duty roster	1/04/2022	15/02/2022	100	0	0	0	None	4a. & 4b. Efficient utilization of Manpower	4a. & 4b. Timely & adequate water supply	EE (9435509495)
			4b. Additional manpower by withdrawal from less important duty.	1/04/2022	15/05/2022	25	0	0	0				
		5 Establishment of Control room in Office, if necessary		1/05/2022	15/10/2022	3000	0	0	0		5 Timely flow of data	5. Proper coordination	AEE Const. (8638788939)
	Capacity Building	1 Training of Departmental Field staff	1a. Training on Chlorinat	1/04/2022	30/06/2022	100	0	0	0	Support from Diphu (R) Div.	1a. Ensuring safe water	1a. Less of water borne disease	AEE Maint. (7002649669)

			ion and Water Quality Testing							Under JJM			
			1b. Sanitation & Hygiene, Awareness Training	1/04/2022	30/06/2022	100	0	0	0		1b. Clean Locality/Campus	1b. Less Sanitation related disease	AEE Maint. (7002649669)
		2 Training of NGO/Representatives of vulnerable areas/Opinion leaders	2a. Training on FTK & Sanitation & Hygiene, promotion of Awareness	1/04/2022	30/06/2022	150	0	0	0		2a. Clean Locality/Campus	2a. Less Sanitation related disease	AEE Maint. (7002649669)
	Response & relief	1 Management of Relief Camp & Affected Areas	1a. Engagement of Relief Camp in-charge & support staff	1/04/2022	31/03/2023	3000	0	0	0	None	1a. to 1d. Safe Drinking water in adequate quantity & Sanitation facility to inmates & Affected people	1a. to 1d. Less water borne & sanitation related disease	EE (9435509495)
			1b. Arrangement of Safe Water in Camp & Affected people	1/04/2022	31/03/2023	3000	5	0	5				

			Moveme nt										
			1b. Framing of Estimates	1/05/20 22	31/03/2 023	3000	0.5	0.5	0				
			1c. Submissi on to DDMA for approval	1/05/20 22	31/03/2 023	3000	0	0	0				
		2 Recovery of Affected assets	4. Cleani ng & Chlorinat ion of assets including urgent repair	1/04/20 22	31/03/2 023	3000	5	0	5		2 Reuse of water supply assets	2 Restoration of normal water supply	AEE Const. (8638788939) AEE Maint. (7002649669)
		3 Rehabilitation	5. Earthq uake damage repair and full scale reuse	1/05/20 22	31/03/2 023	3000	20	0	20		3 Reuse of water supply assets	3 water supply in adequate quantity	
		Coordination	1a. DDMA & District Administ ration	01/04/2 022	31/03/2 023	3000	0	0	0	None	1a. & 1b. Timely receipt of Instruction & guidance.	1a. & 1b. Smooth functioning of activities	EE (9435509495)
			1b. KAAC	1/04/20 22	31/03/2 023	3000	0	0	0				
			1c. Municipa l Board	1c. to 1g. 1/05/20	1c. to 1g. 30/09/2					Training & Awarene	1c. to 1g. Consorted effort will	1c. to 1g. Smooth flow of activities during	

			1d. Health Dept.	22	022					ss drive are to be arranged through JJM with support from Diphu (R) Div.	be helpful.	emergency	
			1e. Social Welfare Dept.										
			1f. Educatio n Dept.										
			1g. Pollution Control Board.										
		2 NGO/CBO	2 Identifica tion, Training & Engagem ent	1/04/20 22	30/09/2 022	150	0	0	0		2 Trained manpower in emergenc y	2 Less water borne & Sanitation related disease through Community participation	

Name of the Department: Diphu Rural Water Supply Division, Karbi Anglong, Diphu													
Plan- Duration: April 2022 to March 2023													
Plan approved by: Executive Engineer (PHE) Diphu Rural Water Supply Division.													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3		4	5	6		7	8	9	10
		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status In lakh Rs.		Relevant Flagship (CSS/Sta te Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Avail able	Gap				
Flood	Prevention and mitigation	1 Protection of water Supply assets	1a. Strengthe ning of intake	1/04/20 22	31/03/2 023	60000	50	0	50	None	<u>1a. & 1b.</u> Prevention from damaged	<u>1a. & 1b.</u> Expected quantity of supply of water	AEE, PHE, Chowkihol Sub Division (7002861461)

			1b. Strengthening of Raw Water Pipeline including supporting pillar	1/04/2022	31/03/2023	60000	15	0	15		by Flood	during Flood	
		2 Extension of Water supply facilities to vulnerable areas	2a. Extension of Distribution networks to vulnerable areas	1/04/2022	31/03/2023	25000	50	20	30		1a. & 1b. Coverage of Vulnerable area	1a. & 1b. Required quantity of safe water as per ADMM-2015	AEE, PHE, Diphu Rural Sub Division (9435509495)
			2b. Retrofitting of OHR/CWR near vulnerable areas	1/04/2022	31/03/2023	25000	40	0	40				
	Preparedness	1 Chlorination	1. Chlorination of RW/Reservoir/OHR	1/04/2022	15/06/2022	25000	2	0	2	None	1. Safe Water	1. Less no. Of Water borne disease.	AEE, PHE, Chowkiholder Sub Division (7002861461)
		2 Stock piling of essential materials	2a. Squatting Plates	1/04/2022	15/06/2022	5000	0	0	0	Support from Diphu (R) Div.	2a. Sanitary Toilet	2a. Less Water Borne & sanitation related disease	AEE, PHE, Diphu Rural Sub Division (9435509495)
			2b. Chemicals/Halogen	1/04/2022	1/10/2022	20000	10	5	5	None	2b. Safe water	2b. Less of Water borne disease.	AEE, PHE, Chowkiholder Sub Division (7002861461)

			Tablets/C hemical packates										
			2c. Fast- moving compone nts for water Supply & storage Tank	1/04/20 22	31/03/2 023	15000	15	5	10		2c. Routine water Supply	2c. Adequate safe Water	
		3 Ensuring vehicular movement & mobile treatment unit for use during Flood	3a. Repairin g of Trucks/T ankers	1/04/20 22	31/03/2 023	15000	10	2	8	Support from Diphu (R) Div.	3a. & 3b. Ready for Movement	3a. & 3b. Timely supply of water	AEE, PHE, Diphu Rural Sub Division (9435509495)
			3b. Repairin g of Mobile Treatmen t Unit				0	0	0				
		4 Manpower Planning	4a. Preparati on of duty roster	1/04/20 22	15/02/2 022	200	0	0	0	None	4a. & 4b. Efficient utilization of Manpower	4a. & 4b. Timely & adequate water supply	EE (8638143023)
			4b. Addition al manpowe r by withdraw al from less important duty.	1/04/20 22	15/05/2 022	50	0	0	0				
		5		1/05/20	15/10/2	100	0	0	0		5 Timely	5.Proper	

		Establishment of Control room in Office		22	022						flow of data	coordination	
Capacity Building	1 Training of Departmental Field staff	1a. Training on Chlorination and Water Quality Testing	1/04/2022	30/06/2022	100	0	0	0	Support from Diphu (R) Div. Under JJM	1a. Ensuring safe water	1a. Less of water borne disease	AEE, PHE, Chowkiholder Sub Division (7002861461)	
		1b. Sanitation & Hygiene, Awareness Training	1/04/2022	30/06/2022	100	0	0	0		1b. Clean Locality/ Campus	1b. Less Sanitation related disease		
		2 Training of NGO/Representatives of vulnerable areas/Opinion leaders	2a. Training on FTK & Sanitation & Hygiene, promotion of Awareness	1/04/2022	30/06/2022	150	0	0		0	2a. Clean Locality/ Campus	2a. Less Sanitation related disease	AEE, PHE, Diphu Rural Sub Division (9435509495)
	Response & relief	1 Management of Relief Camp & Affected Areas	1a. Engagement of Relief Camp in-charge & support staff	15/06/2022	31/08/2022	20000	0	0	0	None	1a. to 1d. Safe Drinking water in adequate quantity & Sanitation facility to inmates &	1a. to 1d. Less water borne & sanitation related disease	EE (8638143023)
		1b.	15/06/2	31/08/2	20000	10	1	9					

			Arrange ment of Safe Water in Camp & Affected people	022	022						Affected people		
			1c. Regular water quality testing by Departm ental staff & NGO	15/06/2 022	31/08/2 022	20000	1	0	1				
			1d. Regular Cleaning & Hygiene promotio n drive at camps & Affected areas by NGO	15/06/2 022	31/08/2 022	10000	1	0	1				
		2 Engagement of quick response team	2a. Deputing quick response team	15/06/2 022	31/08/2 022	20000	2.5	0.5	2		2a. & 2b. Immediate repair of affected installatio n & arrangeme nt of new facilities	2a. & 2b. Un- interrupted water supply & adequate Sanitation facilities to inmates	
			2b. Moveme nt of materials to affected	15/06/2 022	31/08/2 022	20000	2.5	0.5	2				

			sites.										
	Reconstruction, recovery and rehabilitation	1 Assessment of damage.	1a. Formation of Assessment team & Movement	1/08/2022	30/09/2022	20000	2	0	2	None	1a to 1c. Receipt of Fund for Flood damage repair	1a to 1c. Restoration of normal water supply	EE (8638143023)
			1b. Framing of Estimates	1/08/2022	30/09/2022	20000	2.5	0.5	2				
			1c. Submission to DDMA for approval	1/08/2022	30/09/2022	20000	0	0	0				
		2 Recovery of Affected assets	2 Cleaning & Chlorination of assets including urgent repair	1/08/2022	31/10/2022	20000	25	5	20		2 Reuse of water supply assets	2 Restoration of normal water supply	AEE, PHE, Chowkiholder Sub Division (7002861461)
		3 Rehabilitation	3 Flood damage repair and full scale reuse	31/10/2022	31/03/2023	20000	30	5	25		3 Reuse of water supply assets	3 water supply in adequate quantity	AEE, PHE, Diphu Rural Sub Division (9435509495)
	Coordination	1 With Line Dept.	1a. DDMA & District	01/04/2022	31/03/2023	20000	0	0	0	None	1a. & 1b. Timely receipt of Instruction	1a. & 1b. Smooth functioning of activities	EE (8638143023)

			Administ ration							Training & Awarene ss drive are to be arranged through JJM with support from Diphu (R) Div.	& guidance.		
			1b. KAAC	1/05/20 22	31/03/2 023	20000	0	0	0				
			1c. Municipa l Board	1c. to 1g. 1/05/20 22	1c. to 1g. 30/09/2 022						1c. to 1g. Consorted effort will be helpful.	1c. to 1g. Smooth flow of activities during emergency	
			1d. Health Dept.										
			1e. Social Welfare Dept.										
			1f. Educatio n Dept.										
			1g. Pollution Control Board.										
		2 NGO/CBO	2 Identifica tion, Training & Engagem ent	1/04/20 22	30/09/2 022	500	0	0	0		2 Trained manpower in emergenc y	2 Less water borne & Sanitation related disease through Community participation	
		Storm & Landslid e	Prevention & Mitigation	1 Protection of water supply assets	1a. Retrofitti ng of OHR	1/04/20 22	31/03/2 023	60000	75		0	75	
			1b. Protectio n of distributi	1/04/20 22	31/03/2 023	20000	50	5	45				

			on network in vulnerable locations										
			1c. Protection of Treatment plant/Pumping Station	1/04/2022	31/03/2023	60000	50	5	45				
	Preparedness	1 Chlorination	1 Chlorination of RW/Reservoir/OHR	1/04/2022	15/06/2022	60000	0	0	0	None	1 Safe Water	1 Less no. Of Water borne disease.	AEE, PHE, Chowkiholder Sub Division (7002861461)
		2 Stock piling of essential materials	2a. Squatting Plates	1/04/2022	15/06/2022	2000	0	0	0	Support from Diphu (R) Div.	2a. Sanitary Toilet	2a. Less Water Borne & sanitation related disease	AEE, PHE, Diphu Rural Sub Division (9435509495)
			2b. Chemicals/Halogen Tablets/Chemical packates	1/04/2022	1/10/2022	20000	0	0	0	None	2b. Safe water	2b. Less of Water borne disease.	
			2c. Fast-moving components for water Supply & storage	1/04/2022	31/03/2023	60000	0	0	0		2c. Routine water Supply	2c. Adequate safe Water	

			Tank										
		3 Ensuring vehicular movement & mobile treatment unit for use during Flood	3a. Repairing of Trucks/Tankers	1/04/2022	31/03/2023	20000	0	0	0	Support from Diphu (R) Div.	3a. & 3b. Ready for Movement	3a. & 3b. Timely supply of water	
			3b. Repairing of Mobile Treatment Unit				0	0	0	None			
		4 Manpower Planning	4a. Preparation of duty roster	1/04/2022	15/02/2022	200	0	0	0		4a. & 4b. Efficient utilization of Manpower	4a. & 4b. Timely & adequate water supply	
			4b. Additional manpower by withdrawal from less important duty.	1/04/2022	15/05/2022	100	0	0	0				
	Capacity Building	5 Establishment of Control room in Office, if necessary		1/04/2022	1/05/2022	20000	0	0	0		5 Timely flow of data	5. Proper coordination	EE (8638143023)
		1 Training of Departmental Field staff	1a. Training on Chlorination and Water	1/04/2022	30/06/2022	2000	0	0	0	Support from Diphu (R) Div. Under JJM	1a. Ensuring safe water	1a. Less of water borne disease	AEE, PHE, Chowkiholder Sub Division (7002861461)

			Quality Testing										
			1b. Sanitation & Hygiene, Awareness Training	1/04/2022	30/06/2022	2000	0	0	0		1b. Clean Locality/Campus	1b. Less Sanitation related disease	AEE, PHE, Diphu Rural Sub Division (9435509495)
		2 Training of NGO/Representatives of vulnerable areas/Opinion leaders	2a. Training on FTK & Sanitation & Hygiene, promotion of Awareness	1/04/2022	30/06/2022	900	0	0	0		2a. Clean Locality/Campus	2a. Less Sanitation related disease	AEE, PHE, Diphu Rural Sub Division (9435509495)
	Response & relief	1 Management of Relief Camp & Affected Areas	1a. Engagement of Relief Camp in-charge & support staff	1/04/2022	31/08/2022	20000	0	0	0	None	1a. to 1d. Safe Drinking water in adequate quantity & Sanitation facility to inmates & Affected people	1a. to 1d. Less water borne & sanitation related disease	EE (8638143023)
			1b. Arrangement of Safe Water in Camp & Affected people	1/04/2022	31/08/2022	20000	5	0	5				
			1c. Regular	1/04/2022	31/08/2022	20000	0.5	0	0.5				

			water quality testing by Departmental staff & NGO										
			1d. Regular Cleaning & Hygiene promotion drive at camps & Affected areas by NGO	1/04/2022	31/08/2022	3000	0.5	0	0.5				
		2 Engagement of quick response team	2a. Deputing quick response team	1/04/2022	31/08/2022	20000	0.5	0.5	0		2a. & 2b. Immediate repair of affected installation & arrangement of new facilities	2a. & 2b. Un-interrupted water supply & adequate Sanitation facilities to inmates	
			2b. Movement of materials to affected sites.	1/04/2022	31/08/2022	20000	2	0	2				
	Reconstruction, recovery and rehabilitation	1 Assessment of damage.	1a. Formation of Assessment team & Movement	1/06/2022	31/08/2022	20000	2.5	0.5	2	None	1a to 1c. Receipt of Fund for Storm & Landslide damage repair	1a to 1c. Restoration of normal water supply	EE (8638143023)

			1b. Framing of Estimates	1/06/2022	31/08/2022	20000	2.5	0.5	2				
			1c. Submission to DDMA for approval	1/06/2022	31/08/2022	20000	0	0	0				
		2 Recovery of Affected assets	2 Cleaning & Chlorination of assets including urgent repair	1/08/2022	31/10/2022	20000	25	2	23		2 Reuse of water supply assets	2 Restoration of normal water supply	AEE, PHE, Chowkiholder Sub Division (7002861461)
		3 Rehabilitation	3 Storm & Landslide damage repair and full scale reuse	31/10/2022	31/03/2023	20000	50	5	45		3 Reuse of water supply assets	3 water supply in adequate quantity	AEE, PHE, Diphu Rural Sub Division (9435509495)
		Coordination	1a. DDMA & District Administration	01/04/2022	31/03/2023	20000	0	0	0	None	1a. & 1b. Timely receipt of Instruction & guidance.	1a. & 1b. Smooth functioning of activities	EE (8638143023)
			1b. KAAC	1/04/2022	31/03/2023	20000	0	0	0				
			1c. Municipal Board	1c. to 1g. 1/04/20	1c. to 1g. 30/09/2					Training & Awareness	1c. to 1g. Consorted effort will	1c. to 1g. Smooth flow of activities during	

			1d. Health Dept.	22	022					ss drive are to be arranged through JJM with support from Diphu (R) Div.	be helpful.	emergency	
			1e. Social Welfare Dept.										
			1f. Education Dept.										
			1g. Pollution Control Board.										
		2 NGO/CBO	2 Identification, Training & Engagement	1/04/2022	30/09/2022	300	0	0	0		2 Trained manpower in emergency	2 Less water borne & Sanitation related disease through Community participation	
Earthquake	Prevention & Mitigation	1 Protection of water Supply assets	1a. Strengthening of intake	1/04/2022	31/03/2023	60000	0	0	0	None	1a. to 1d. Prevention from damaged by earthquake	1a. to 1d. Adequate quantity of supply of water during earthquake	AEE, PHE, Chowkihol Sub Division (7002861461) AEE, PHE, Diphu Rural Sub Division (9435509495)
			1b. Strengthening of Raw Water Pipeline including supporting pillar retrofitting of OHR	1/04/2022	31/03/2023	60000	0	0	0				
			1c.	1/04/2022	31/03/2023	20000	0	0	0				

			Protection of distribution network in vulnerable locations	22	023								
			1d. Protection of Treatment Plant/Pumping Station	1/04/2022	31/03/2023	20000	0	0	0				
			2 Extension of water supply facilities to vulnerable areas	1/04/2022	31/03/2023	20000	30	0	30		To provide safe water to affected areas	Availability of water in adequate quantity	
	Preparedness	1 Chlorination	1 Chlorination of RW/Reservoir/OHR	1/04/2022	31/03/2023	20000	2	0	2	None	Safe water	Less no. Of water borne disease	AEE, PHE, Chowkihola Sub Division (7002861461)
		2 Stock piling of essential materials	2a. Squatting Plates	1/04/2022	31/03/2023	5000	0	0	0	Support from Diphu (R) Div.	2a. Sanitary Toilet	2a. Less Water Borne & sanitation related disease	
			2b. Chemical	1/04/2022	31/10/2023	60000	0	0	0	None	2b. Safe water	2b. Less of Water borne	AEE, PHE, Diphu Rural Sub Division

			s/Halogen Tablets/Chemical packates									disease.	(9435509495)	
			2c. Fast-moving components for water Supply & storage Tank	1/04/2022	31/03/2023	60000	10	0	10		2c. Routine water Supply	2c. Adequate safe Water		
		3 Ensuring vehicular movement & mobile treatment unit for use during Flood	3a. Repairing of Trucks/Tankers	1/04/2022	31/03/2023	20000	0	0	0	Support from Diphu (R) Div.	3a. & 3b. Ready for Movement	3a. & 3b. Timely supply of water		
			3b. Repairing of Mobile Treatment Unit				0	0	0					
		4 Manpower Planning	4a. Preparation of duty roster	1/04/2022	15/05/2022	500	0	0	0	None	4a. & 4b. Efficient utilization of Manpower	4a. & 4b. Timely & adequate water supply		EE (8638143023)
			4b. Additional manpower by withdrawal from less important	1/04/2022	31/03/2022	100	0	0	0					

			duty.										
		5 Establishment of Control room in Office, if necessary		1/05/20 22	15/10/2 022	10000	0	0	0		5 Timely flow of data	5.Proper coordination	
	Capacity Building	1 Training of Departmental Field staff	1a. Training on Chlorinat ion and Water Quality Testing	1/04/20 22	30/06/2 022	500	0	0	0	Support from Diphu (R) Div. Under JJM	1a. Ensuring safe water	1a. Less of water borne disease	AEE, PHE, Chowkiholder Sub Division (7002861461)
			1b. Sanitatio n & Hygiene, Awarene ss Training	1/04/20 22	30/06/2 022	500	0	0	0		1b. Clean Locality/ Campus	1b. Less Sanitation related disease	AEE, PHE, Chowkiholder Sub Division (7002861461)
		2 Training of NGO/Represen tatives of vulnerable areas/Opinion leaders	2a. Training on FTK & Sanitatio n & Hygiene, promotio n of Awarene ss	1/04/20 22	30/06/2 022	500	0	0	0		2a. Clean Locality/ Campus	2a. Less Sanitation related disease	AEE, PHE, Diphu Rural Sub Division (9435509495)
	Response & relief	1 Management of Relief Camp & Affected Areas	1a. Engagem ent of Relief Camp in- charge &	1/04/20 22	31/03/2 023	20000	0	0	0	None	1a. to 1d. Safe Drinking water in adequate quantity &	1a. to 1d. Less water borne & sanitation related disease	EE (8638143023)

			support staff								Sanitation facility to inmates & Affected people		
			1b. Arrange ment of Safe Water in Camp & Affected people	1/04/2022	31/03/2023	20000	10	0	10				
			1c. Regular water quality testing by Departm ental staff & NGO	1/04/2022	31/03/2023	15000	1	0	1				
			1d. Regular Cleaning & Hygiene promotio n drive at camps & Affected areas by NGO	1/04/2022	31/03/2023	20000	2	0	2				
		2 Engagement of quick response team	2a. Deputing quick response team	1/04/2022	31/03/2023	20000	2	0	2		2a. & 2b. Immediate repair of affected installatio n & arrangeme nt of new	2a. & 2b. Un-interrupted water supply & adequate Sanitation facilities to inmates	
			2b. Moveme nt of	1/04/2022	31/03/2023	20000	3	0	3				

			materials to affected sites.								facilities		
Reconstruction, recovery and rehabilitation	1 Assessment of damage.	1a. Formation of Assessment team & Movement	1/05/2022	31/03/2023	20000	3	0	3	None	1a to 1c. Receipt of Fund for Earthquake damage repair	1a to 1c. Restoration of normal water supply	EE (8638143023)	
		1b. Framing of Estimates	1/05/2022	31/03/2023	20000	1	0	1					
		1c. Submission to DDMA for approval	1/05/2022	31/03/2023	20000	0	0	0					
	2 Recovery of Affected assets	2 Cleaning & Chlorination of assets including urgent repair	1/04/2022	31/03/2023	20000	5	0	5		2 Reuse of water supply assets	2 Restoration of normal water supply	AEE, PHE, Chowkiholder Sub Division (7002861461) AEE, PHE, Diphu Rural Sub Division (9435509495)	
	3 Rehabilitation	3 Earthquake damage repair and full scale	1/05/2022	31/03/2023	20000	50	0	50		3 Reuse of water supply assets	3 water supply in adequate quantity		

			reuse										
Coordination	1 With Line Dept.	1a. DDMA & District Administ ration	01/04/2022	31/03/2023	20000	0	0	0	None	1a. & 1b. Timely receipt of Instruction & guidance.	1a. & 1b. Smooth functioning of activities	EE (8638143023)	
		1b. KAAC	1/04/2022	31/03/2023	20000	0	0	0					
		1c. Municipa l Board	1c. to 1g. 1/04/2022	1c. to 1g. 31/03/2023					Training & Awarene ss drive are to be arranged through JJM with support from Diphu (R) Div.	1c. to 1g. Consorted effort will be helpful.	1c. to 1g. Smooth flow of activities during emergency		
		1d. Health Dept.											
		1e. Social Welfare Dept.											
		1f. Educatio n Dept.											
		1g. Pollution Control Board.											
		2 NGO/CBO	2 Identifica tion, Training & Engagem ent	1/04/2022	30/09/2022	500	0	0	0		2 Trained manpower in emergenc y		2 Less water borne & Sanitation related disease through Community participation

Name of the Department: Howraghat PHE Division, Howraghat
Plan- Duration: April 2022 to March 2023

Plan approved by: Executive Engineer (PHE) Howraghat PHE Division, Howraghat													
Planning (in the beginning of the year)													
Hazard	Phase	1	2	3		4	5	6		7	8	9	10
		Proposed interventions	Targeted areas	Time Line		Expected Nos. of people to be benefitted	Fund requirement In lakh Rs.	Funding status In lakh Rs.		Relevant Flagship (CSS/State Flagship)	Expected result (Output)	Key performance Indicator/s	Responsible person for reporting
				Start	End			Avail able	Gap				
Flood	Prevention and mitigation	1 Protection of water Supply assets	1a. Strengthening of intake	1/04/2022	31/03/2023	14000	31	0	31	None	1a. & 1b. Prevention from damaged by Flood	1a. & 1b. Expected quantity of supply of water during Flood	AEE, PHE, Howraghat Sub Division (6003262758)
			1b. Restoration of Grpound water facilities like DTW, STW etc.	1/04/2022	31/03/2023	70000	38	0	38				
			1c. Strengthening of Raw Water Pipeline including supporting pillar	1/04/2022	31/03/2023	84000	75	0	75				
		2 Extension of Water supply facilities to vulnerable areas	2a. Extension of Distribution networks to vulnerabl	1/04/2022	31/03/2023	50000	100	0	100		1a. & 1b. Coverage of Vulnerable area	1a. & 1b. Required quantity of safe water as per ADMM-2015	AEE, PHE, Dokmoka Sub Division (7002917583)

			e areas										
			2b. Retrofitti ng of OHR/C WR near vulnerabl e areas	1/04/20 22	31/03/2 023	50000	40	0	40				
	Preparedness	1 Chlorination	1 Chlorinat ion of RW/Rese rvoir/OH R	1/04/20 22	15/06/2 022	84000	9	0	9	None	1 Safe Water	1. Less no. Of Water borne disease.	AEE, PHE, Howraghat Sub Division (6003262758)
		2 Stock piling of essential materials	2a. Squatting Plates	1/04/20 22	15/06/2 022	1000	0	0	0	Support from Diphu (R) Div. JJM Work	2a. Sanitary Toilet	2a. Less Water Borne & sanitation related disease	AEE, PHE, Dokmoka Sub Division (7002917583)
			2b. Chemical s/Haloge n Tablets/C hemical packates	1/04/20 22	1/10/20 22	50000	10	0	10	None	2b. Safe water	2b. Less of Water borne disease.	
			2c. Fast- moving compone nts for water Supply & storage Tank	1/04/20 22	31/03/2 023	50000	15	0	15		2c. Routine water Supply	2c. Adequate safe Water	
		3 Ensuring vehicular movement &	3a. Repairin g of	1/04/20 22	31/03/2 023	30000	10	0	10	Support from Diphu (R	3a. & 3b. Ready for Movement	3a. & 3b. Timely supply of water	

		mobile treatment unit for use during Flood	Trucks/Tankers) Div. JJM Work			
			3b. Repairing of Mobile Treatment Unit										
		4 Manpower Planning	4a. Preparation of duty roster							None	4a. & 4b. Efficient utilization of Manpower	4a. & 4b. Timely & adequate water supply	
			4b. Additional manpower by withdrawal from less important duty.										
		5 Establishment of Control room in Office									5 Timely flow of data	5. Proper coordination	
		Capacity Building	1 Training of Departmental Field staff	1a. Training on Chlorination and Water Quality Testing	1/04/2022	30/06/2022	100	0	0	0	Support from Diphu (R) Div. Under JJM	1a. Ensuring safe water	
	1b. Sanitation &			1/04/2022	30/06/2022	100	0	0	0	1b. Clean Locality/ Campus		1b. Less Sanitation related disease	

			Hygiene, Awareness Training										
		2 Training of NGO/Representatives of vulnerable areas/Opinion leaders	2a. Training on FTK & Sanitation & Hygiene, promotion of Awareness	1/04/2022	30/06/2022	150	0	0	0		2a. Clean Locality/Campus	2a. Less Sanitation related disease	AEE, PHE, Dokmoka Sub Division (7002917583)
	Response & relief	1 Management of Relief Camp & Affected Areas	1a. Engagement of Relief Camp in-charge & support staff	15/06/2022	31/08/2022	3000	0	0	0	None	1a. to 1d. Safe Drinking water in adequate quantity & Sanitation facility to inmates & Affected people	1a. to 1d. Less water borne & sanitation related disease	EE (9435509495)
			1b. Arrangement of Safe Water in Camp & Affected people	15/06/2022	31/08/2022	30000	10	0	10				
			1c. Regular water quality testing by Departmental	15/06/2022	31/08/2022	30000	2	0	2				

			staff & NGO										
			1d. Regular Cleaning & Hygiene promotion drive at camps & Affected areas by NGO	15/06/2022	31/08/2022	8000	2	0	2				
		2 Engagement of quick response team	2a. Deputing quick response team	15/06/2022	31/08/2022	3000	2	0	2			2a. & 2b. Immediate repair of affected installation & arrangement of new facilities	2a. & 2b. Un-interrupted water supply & adequate Sanitation facilities to inmates
			2b. Movement of materials to affected sites.	15/06/2022	31/08/2022	3000	3	0	3				
	Reconstruction, recovery and rehabilitation	1 Assessment of damage.	1a. Formation of Assessment team & Movement	1/08/2022	30/09/2022	30000	3	0	3	None	1a to 1c. Receipt of Fund for Flood damage repair	1a to 1c. Restoration of normal water supply	EE (9435509495)
			1b. Framing of Estimates	1/08/2022	30/09/2022	30000	2	0	2				
			1c.	1/08/2022	30/09/2022	30000	0	0	0				

			Submission to DDMA for approval	22	022								
		2 Recovery of Affected assets	2 Cleaning & Chlorination of assets including urgent repair	1/08/2022	31/10/2022	30000	20	0	20		2 Reuse of water supply assets	2 Restoration of normal water supply	
		3 Rehabilitation	3 Flood damage repair and full scale reuse	31/10/2022	31/03/2023	30000	20	0	20		3 Reuse of water supply assets	3 water supply in adequate quantity	
	Coordination	1 With Line Dept.	1a. DDMA & District Administration	01/04/2022	31/03/2023	3000	0	0	0	None	1a. & 1b. Timely receipt of Instruction & guidance.	1a. & 1b. Smooth functioning of activities	EE (9435509495)
			1b. KAAC	1/05/2022	31/03/2023	3000	0	0	0				
			1c. Municipal Board	1c. to 1g. 1/05/2022	1c. to 1g. 30/09/2022						1c. to 1g. Consorted effort will be helpful.	1c. to 1g. Smooth flow of activities during emergency	
			1d. Health Dept.										
			1e. Social Welfare										

			Dept.										
			1f. Education Dept.										
			1g. Pollution Control Board.										
		2 NGO/CBO	2 Identification, Training & Engagement	1/04/2022	30/09/2022	150	0	0	0		2 Trained manpower in emergency	2 Less water borne & Sanitation related disease through Community participation	