


List of proposed important schemes to be taken up North Lakhimpur Water Resources Division, North Lakhimpur							Annexure-I
Sl. No.	Name of Scheme	Estimated Cost (In Lakh)	Location		Nature of intervention	Justification for prioritization.	Remarks
			Latitude	Longitude			
1	Construction of new embankment on left bank of Sessa river from Sessa PWD bridge to PWD Road at Phuta-Bhog.	₹1,077.75	26.946047° 26.927796° 26.928199°	93.744327° 93.750181° 93.758238°	Construction of new earthen embankment. <ul style="list-style-type: none"> <li>• Along the existing P&amp;RD bundh CH:0m to 2,950m.</li> <li>• With Geo-tube as a core from CH: 2.950m to 5,250m.</li> <li>• Along the existing village road from CH: 5,250m to 5,900m.</li> <li>• (iv) Dowel bundh along the existing PWD road from CH: 5,900m to 6,055m.</li> </ul>	There is no embankment from 2,950m up to NH-15 for which nearby villages like Simaluguri, Ganakdalani, Dhalpur, Jamuguri, Rangajan, Rajabari, Hawajan suffer major flood devastation during every peak flood period. Flood water enters the countryside through the un-embanked section and submerges the adjacent areas affecting the livelihood of the local inhabitants.	Bihpuria LAC
2	Widening & strengthening of Kakoi Right Bank embankment from Lilabari T.G. to Kadam including A/E works at different reaches.	₹9,65.15	27.319661° 27.311622° 27.300606° 27.295631° 27.294890° 27.289932°	94.099877° 94.132391° 94.160782° 94.163679° 94.164216° 94.175835°	<ul style="list-style-type: none"> <li>• Widening, raising &amp; strengthening for a total length of 5,555m.</li> <li>• Anti Erosion measures in 7 (seven) different reaches for a total reach of 1,235m.</li> </ul>	During peak flood water overtops at different reaches as no R/S works were undertaken in these reaches since 2010. Erosion is also active at some reaches where there is no margin to the toe of the embankment from riverbank. There is every possibility of occurrence of breach due to erosion if A/E measures not taken up.	Lakhimpur LAC
3	Widening & strengthening of Subansiri Right Bank embankment from Bhimparaghat to Na-Ali (15 <sup>th</sup> Km to 21 <sup>st</sup> Km) Phase-I	₹1500.00	27.237302° 27.189291°	94.152052° 94.161284°	<ul style="list-style-type: none"> <li>• Widening, raising &amp; strengthening for a total length of 6,000m.</li> </ul>	No R/S works has not been undertaken in this section of the embankment since long back. The embankment is in very deteriorated condition. Leakage, seepage are common during flood peaks. If R/S not executed possibility is always there for breach due to deteriorated condition.	Lakhimpur & Nowboicha LAC

4	A/E measures to protect Neheru H. S. School and its adjoining areas from the erosion of river Dikrong on R/B	₹422.25	26.982532° 26.979360°	93.948491° 93.956090°	• Anti Erosion measures for a reach length of 850m.	Erosion is active in this area since last few years and already engulfed a huge mass of land. Due to the fluctuation of discharge and sudden discharge from NEEPCO & Pare Hydel Power Project, erosion became more active and in progress in this reach. If A/E measures are not taken up then the embankment and vital institutions nearby will be under threat of wash out.	Bihpuria LAC
5	Construction of flood wall to protect North Lakhimpur College and its adjoining areas from flood inundation of river Sumdiri.	₹234.74	27.229072° 27.228629°	94.087946° 94.091243°	Construction of flood wall for a length of 340.00m.	During every peak flood wave, water enters in the North Lakhimpur College campus and due to flood inundation infrastructures are damaged. This situation of flood inundation has been a bottleneck in the development activities of the Prestigious College which is situated in the heart of the North Lakhimpur town.	Lakhimpur LAC
6	Protection of Gajihula and its adjoining areas on both bank of river Kakoi-Gomnadi.	₹137.65	27.308803° 27.308355°	94.165687° 94.169713°	Anti Erosion measures for a total reach length of 580m on both bank at different reaches.	Due to change of river configuration in the upstream from few years back, heavy water current has caused severe bank erosion at Gajihula area on both bank of river Gomnadi.	Lakhimpur LAC
7	A/E measures at different reaches on left bank of Ranganadi river.	₹1,485.00	27.282260° 27.163989°	94.050145° 94.072999°	Anti Erosion measures for a total reach length of 3,500m on left bank at different reaches.	There are several active erosion reaches which were not covered under earlier schemes. These active erosion reaches located along the toe of the embankment threatening the very safety of the embankment against erosion.	Lakhimpur, Ranganadi & Nowboicha LAC

8	Anti Erosion measures at Ghunasuti and its adjoining areas from the erosion of river Subansiri	₹900.00	27.239582° 27.235307° 27.225790° 27.223317°	94.190226° 94.189913° 94.211917° 94.209100°	Anti Erosion measures for a total reach length of 921.00 m (RB = 513.00m + LB = 408.00m)	Severe erosion is active on both bank of Subansiri river. NHPC authority have executed A/E works at different reaches in phase. The 2 (two) reaches are yet not covered by the NHPC authority and not included in the next action plan. If A/E measures is not executed in these 2 (two) reaches the newly constructed Bridge over Subansiri river at Ghunasuti and its approach roads will be under threat from erosion as PWD has not included guide bundh in the DPR.	Lakhimpur & Nowboicha LAC
9	Anti-Erosion measures to protect Dirgha Maj gaon Dumbachuk and 1 No. Bhangabil Sarania and its adjoining areas on both bank of river Dirgha.	₹460.00	27.367293° 27.367436° 27.368253° 27.366525°	94.119037° 94.123964° 94.147386° 94.152875°	Anti Erosion measures for a total reach length of 1,385m on both bank at different reaches.	Erosion is active and in progress. The nearby area is thickly populated with many homesteads. If erosion is allowed to progress unabated there is every possibility of washing out of homesteads & agricultural land due to erosion.	Lakhimpur LAC
10	Anti-Erosion measures to protect 2 No. Bhangabil Sarania and Khura Chuk and its adjoining areas on the right bank of river Boginadi.	₹398.00	27.377660° 27.372496° 27.352521° 27.351491°	94.142271° 94.146795° 94.195171° 94.199125°	Anti Erosion measures for a reach length of 750.00m at 2 No. Bhangabil Sarania area and for a reach length of 400.00m at Khura Chuk area on R/B.	Erosion is active and in progress. The nearby area is thickly populated with many homesteads. If erosion is allowed to progress unabated there is every possibility of washing out of homesteads & agricultural land due to erosion.	Lakhimpur LAC
11	Anti-Erosion measures to protect Kadam Bagan gaon and its adjoining areas on both banks of river Gumnadi.	₹141.19	27.316684° 27.315510° 27.315507° 27.314772°	94.142420° 94.144558° 94.144304° 94.146105°	Anti Erosion measures for a total reach length of 500.00m on both banks (300.00m on left bank & 200.00m on the right bank)	Erosion is active and in progress. The nearby area is thickly populated with many homesteads. If erosion is allowed to progress unabated there is every possibility of washing out of homesteads & agricultural land due to erosion.	Lakhimpur LAC

12	Construction of new embankment at Ghulichuk-Ratanpur area on left bank of Boginadi river.	₹100.00	27.376144° 27.374274°	94.150881° 94.155530°	Construction of new earthen embankment for a reach length of 510m.	There is an old gap of Boginadi left bank embankment from Rajgarhali to N.T. road. Nearby villages like Ghulichuk, Ratanpur etc. suffer major flood devastation during every peak flood period. Flood water enters the countryside through the gap portion and submerges the adjacent areas affecting the livelihood of the local inhabitants.	Lakhimpur LAC
13	Construction of new embankment on Subansiri river right bank from Kasikata bridge to Temera Miri Gaon.	₹1500.00	26.955428° 26.934586°	93.925595° 93.888651°	Construction of new earthen embankment for a reach length of 5,200m.	There is no embankment in this reach of Subansiri river. During flood period inundation is common in about 1,000 hectares of land bringing economic loss to the local people as well as to the State.	Bihpuria LAC
14	Construction of new embankment at Durpang left bank from Pulinaharoni PWD road to Tatibahar Rowmoti Road Ph-I)	₹1500.00	27.041702° 27.004957°	93.830929° 93.825714°	Construction of new earthen embankment for a reach length of 6,000m.	There is an embankment on left bank of Durpang from CH: 0m to 7892m ((Rajgarhali to Pichala) There is no embankment beyond 7892m on left bank. Flood inundation occurs in the nearby areas in each and every flood waves.	Bihpuria LAC

  
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