

## FINAL LIST OF TOTAL SITES UNDER PACKAGE-05

[PHASE II - 102 LANDSLIDE MITIGATION SITES FOR REDUCTION OF LANDSLIDE VULNERABILITY BY MITIGATION MEASURES PROJECT (RLVMMP) - AIIB ]

No	Site No	Province	District	DS	GN	Village /Location	GPS		Average area	Potential/damage (No. of Houses, Facilities etc)	Status	Remarks	Work to be done	Total Cost (SL Rs) Excluding (C+P+PS+D+N)	(IUSS=Rs 202) US\$ (Mn)	
							N	E								
1	028	Central Province	Kandy	Kandy Four Gravets DS	Bahirawa Kanda	Pushpadana Girls College, Kandy	7.293646	80.632884	20,946	school buildings with students and Kovil	Potential	Cutting and slope failures	Highly potential location for cutting and slope failures, therefore preventive measures such as soil nailing and surface management should be introduced	82,553,487.00	408,680.63	
2	030			Udadumbara	Kalalgamuwa	Kalalgamuwa	7.293613	80.898050	68,373	50 houses	Potential	Soil creep / Landslide	Highly potential location for Landslide, therefore preventive measures such as gabion retaining walls, surface and subsurface drainage management should be introduced	66,292,310.00	328,179.75	
3	031			Patha Hewahata	Aniwatta	Aniwatte Tunnel in Kandy	7.288683	80.622236	22,051	Threat to road users (vehicles and pedestrians) and residential & comercial buildings	Potential	Rock fall and slope failure	Highly potential location for rock falls and slope failure, therefore preventive measures such as soil nailing, reshaping, turfing, RRM wall and surface drainage management should be introduced	211,484,615.00	1,046,953.54	
4	032			Gangawatakore	Thalwatta	Lewella Gangarama Temple	7.297090	80.650295	21,617	School buildings and about 20 residential buildings.	Potential	Cutting /slope failure	Highly potential location for cutting failures and slope failures, therefore preventive measures such as soil nailing, surface and subsurface drainage management should be introduced	124,173,625.00	614,720.92	
5	035-L1			Gangawatakore	Bogambara & Malwatta	Kandy Hospital (Failed slope between NTS access road & cancer treatment building)	7.287651	80.633550	18,000	Hospital main stores buildings (03 Nos), cancer patients (about 40 Nos.), hospital staff (about 30 Nos), access road and road users	Happened and potential for activation of slope failure	Slope failure	Highly potential location for activation of slope failure, therefore preventive measures such as soil nailing, reshaping, turfing, gabion wall, concrete retaining wall surface and surface drainage management should be introduced	209,871,790.00	1,038,969.26	
	035-L2			Kandy Hospital (Unstable slope between main stores building & Hanthana road)		7.288148	80.634139	19,000	Hospital main stores buildings (03 Nos), hospital staff (about 20 Nos), Hanthana road and road users	Potential	Slope failure	Highly potential location for slope failure, therefore preventive measures such as soil nailing and surface drainage management should be introduced				
	035-L3			Kandy Hospital (Failed slope behind the covid isolation builidng/under construction)		7.287389	80.634331	16,000	Hospital Covid isolation buildings (under construction)	Happened and potential for activation of slope failure	Slope failure	Highly potential location for activation of slope failure, therefore preventive measures such as soil nailing, reshaping, turfing and surface drainage management should be introduced				
6	063-L1			Gangawatakore	Bogambara & Malwatta	Kandy Hospital (Failed slope behind the docotr's quaters)	7.287033	80.634260	21,000	Hospital doctors quarters and hospital staff living in quarters (about 30)	Happened and potential for activation of cutting failure	Cutting failure	Highly potential location for activation of cutting failure, therefore preventive measures such as resting type retaining wall and surface drainage management should be introduced	97,502,966.00	482,687.95	
	063-L2			Kandy Hospital (Failed slope behind the administrative building)		7.287424	80.632675	15,000	Hospital administrative building and hospital staff (about 200)	Happened and potential for activation of cutting failure	Cutting failure	Highly potential location for activation of cutting failure, therefore preventive measures such as soil nailing and surface drainage management should be introduced				
7	091			Ganga Ihala Korale	Meeragolla	Nawalapitiya - Dolosbage Road (B 318), Cul. 19/8 - 19/9	7.082127	80.472269	35,000	high risk for B 318 road, 5 houses, Telecom building, Hospital building, school buidings & shope	Potential	Landslide	Highly potential location for landslide with debris flow, therefore preventive measures such as drainage well, horizontal long drain and surface drainage system should be introduced	32,203,070.00	159,421.14	
8	092			Ganga Ihala Korale	Meeragolla	Nawalapitiya - Dolosbage Road (B 318), Cul. 19/3 - 19/4	7.079769	80.474418	45,000	high risk for B 318 road and 20 houses	Potential	Landslide	Highly potential location for landslide with debris flow, therefore preventive measures such as surface drainadge management, drainadge well, gabion wall and subsurface drainadge system should be introduced	30,407,610.00	150,532.72	
9	118			Ganga Ihala Korale	Udahenthenna	Nawalapitiya - Dolosbage Road (B 318), Cul. 8/2 - 7 km	7.071576	80.522000	52,466	High risk for B 318 road and 5 houses located at the region	Potential	Landslide	Highly potential location for landslide with debris flow, therefore preventive measures such as ground anchoring, concrete wall, surface drainadge management and subsurface drainadge system should be introduced	183,270,440.00	907,279.41	
10	034	North Western Province	Kurunegala	Polgahawela	Polgahawela	St. Bernadette School	7.336669	80.302495	4,589	school buildings with students	Happened and potential for further slope failures	Cutting and slope failures	Highly potential location for cutting and slope failures, therefore preventive measures such as soil nailing, retaining wall, removing of unstable boulders and surface & subsurface drainage management should be introduced	53,502,891.00	264,865.80	
11	047			Rideegama	568 Pallekanda	Pallekanda, Delwita	7.498537	80.557121	1,362	02 houses.Kiribathgalla- Delwita road and road users	Happened and potential for activation of cutting failure	Cutting failure	Highly potential location for activation of cutting failurers, therefore preventive measures such as retaining wall, back filling & turfing and surface drainage management should be introduced	16,279,802.00	80,593.08	
12	061			Mallawapitiya	745, Walpolakanda North	Walpolakanda North Upper Colony	7.436480	80.406898	32,757	19 houses, Ethugalpura Thakshila Vidayalaya and Students	Happened and potential for activation of landslide	Landslide	Highly potential location for activation of landslide, therefore preventive measures such as surface drainage management should be introduced.	9,046,343.00	44,783.88	
13	036	Sabaragamuwa Province	Kegalle	Kegalle	Nagala	Kegalu Viddiyalaya, Kegalle	7.251480	80.349680	32,229	school buildings with students	Potential	Cutting / Slope Failure	Highly potential location for cutting failures and slope failures, therefore preventive measures such as retaining walls, reshapping, turfing and surface drainage management should be introduced	38,760,930.00	191,885.79	
14	046			Kegalle	Kegalle	St. Joeshp Balika Viddiyalaya - Primary, Kegalle	7.249232	80.336068	14,135	School buildings with students	Potential	Slope / cutting failures	Highly potential location for slope and cutting failures, therefore preventive measures such as retaining walls, soil nailing, reshapping, turfing and surface & subsurface drainage management should be introduced	40,471,917.00	200,356.02	
15	068			Mawanella	Dumbuluwawa sinhalagama	Dumbuluwawa	7.162925	80.503470	11,700	16 houses	Landslide initiated in 2016 and further highly potential location for activation of landslide	Landslide	Highly potential location for activation of landslide, therefore preventive measures such as drainge well, horizontal long drains and surface drainage management should be introduced	28,234,310.00	139,773.81	
16	037	Central Province	Matale	Rattota	Rattota	Raththota Public Play ground	7.518503	80.677851	6,524	Public play ground with players and 02 houses	Happened and potential for slope failure and activation of debris flow	Slope failure and debris flow	Highly potential location for slope failure and activation of debris flow, therefore preventive measures such as retaining toe walls, soil nailing for main scar, reshapping, crack sealing and surface & subsurface drainage management should be introduced	77,412,095.00	383,228.19	
17	038-A			Laggala	Atanwala	Atanwala village	7.513523	80.756128	4,010	4 houses and irrigation channel	Potential	Landslide/slope failure	Highly potential location for landslide and slope failure, therefore preventive measures such as retaining walls, reshapping, filling, turfing, subsurface drainage system and subsurface drainage management should be introduced	34,168,613.00	169,151.55	
	038-B						7.515475	80.759207	8,320							
	038-C						7.513680	80.756733	10,030							
18	039	Central Province		Ukuwela	Balakaduwa	Welikanda road, Balakaduwa	7.416879	80.612097	9,553	High Risk for Welikanda road with usres and 03 residential houses	Happened cutting failure and potential for slope failure	Slope failures	Highly potential location for slope failures, therefore preventive measures such as reshaping, turfing, retaining walls and surface drainage management should be introduced	24,079,906.00	119,207.46	
19	041			Yatawatta	Walpola	Walpola (Location 01)	7.557988	80.575930	11,051	04 houses at high risk and 06 houses at moderate risk	Potential	Landslide	Highly potential location for landslide, therefore preventive measures such as retaining walls and surface & subsurface drainage management should be introduced	22,386,940.00	110,826.44	
20	069			Matale	Dodamdeniya	Dodamdeniya	7.465369	80.612328	109,454	High risk for temple including temple buildings and about 30 residential houses	Potential	Landslide	Highly potential location for landslide with debris flow, therefore preventive measures such as surface drainadge management should be introduced	43,128,670.00	213,508.27	
21	093			Ukuwela	Ulpathapitiya	CEB Ukuwela Power Plant (Location 01)	7.396974	80.650519	15,938	Damage to the power plant	Potential	Cutting /slope failure	Highly potential location for cutting failurers and slope failures, therefore preventive measures such as soil nailing, reshapping, turfing, surface and subsurface drainage management should be introduced	133,616,006.00	661,465.38	
22	094			Matale	Ihala Harasgama	Harasgama	7.479333	80.617618	11,000	Damaged 03 houses, high risk for 15 houses	Happened and potential for activation of debris flow	Landslide	Highly potential location for activation of landslide with debris flow, therefore preventive measures such as retaining toe walls, horizontal long drains and surface drainadge management should be introduced	20,282,128.00	100,406.57	
23	095			Matale	Watagoda	Watagoda Hulangamuwa Road	7.459709	80.604158	38,078	Damage to Watagoda- Hulangamuwa road, high risk for 03 houses	Happened and potential for activation of debris flow	Landslide	Highly potential location for activation of landslide with debris flow, therefore preventive measures such as unstable boulder removing, retaining toe walls, horizontal long drains and surface drainadge management should be introduced	54,616,870.00	270,380.54	
24	096			Yatawatta	Walpola	Walpola (Location 02)	7.559096	80.574943	9,690	04 houses at High Risk, 06 Houses at Moderate Risk	Potential	Landsllide	Highly potential location for landslide, therefore preventive measures such as retaining walls, soil nailing, reshapping, turfing, surface and subsurface drainage management should be introduced	55,956,655.00	277,013.14	

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							N	E								
25	098			Ukuwela	Ulpathapitiya	CEB Ukuwela Power Plant (Location 02)	7.396375	80.649646	14,732	Damage to the power plant	Potential	Cutting /slope failure	Highly potential location for cutting failures and slope failures, therefore preventive measures such as horizontal short drains, and surface drainage management should be introduced	18,698,050.00	92,564.60	
<b>TOTAL</b>															<b>1,708,402,039.00</b>	<b>8,457,435.84</b>