Muck Disposal Plan

SI.NO	Components	Compliance						
1	Calculation of the muck to be generated. Swell factor has to be applied	6526.94 m3 considering 40% swell factor. Detail calculation enclosed in Annexure-1						
2	Quantity of muck to be utilized in the project activities.	100% muck generated from the approach road will be utilized in filling the Sub-station foundation.						
3	Balance quantity of muck required to be transported to dumping site.	NA						
4	Carriage of muck from muck generation to dumping site.	NA						
5	Development of dumping site- construction of retaining walls and other structures as per requirement of the site.	NA						
6	Rehabilitation of dumping site like leveling, planting of grass, shrubs and tree species.	NA						

Additional thief Engineer Energy & Power Department Government of Sikkim Gangtok

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		1		excavated earth.	cl. 1609.110.1) and diposing of	environmental imbalance as per	deforestation to reduce	(keeping in mind minimum	SP:20 and levels per drawing	per the provision in cl. 1603.8 of	width, camber, superelevation as	and providing proper grades,	as per the Cl. 1602.1 section 1600	slope to the desired specification	including cutting, trimming of side	Hill cutting in soil in Hilly Areas	Earth Work in Hill Road:		Description of item
			323						1/5	130	150	135	150	50	25	2 0			Chainage (m) Length (m)
Total quantity	40% swelling factor		23																Length (m)
Total quantity of muck generated	factor		12.25	19	12.25	13.5	12.25	12.25	12.25	12.25	13.5	13.5	12.25	13.5	19	19			Area (Sq.m)
erated			12.3	12.9		19.6	19.6	12.3	12.3	12.9	13.5	12.9	12.9	16.3	16.3			(sq.m)	Mean Area
6526.94	1864.84	4662.1	306.3	322.5	322.5	490.8	490.8	306.3	306.3	322.5	337.5	322	322	406.3	406.3				Quantity
			138.7	138.7	138.7	211	211	131.7	131.7	138.7	145.1	138.5	138.5	174.7	174.7			Soil	Quantity
			183.8	183.8	183.8	279.7	279.7	174.6	174.6	183.8	192.4	183.5	183.5	231.6	231.6			O.R	Quantity with classification of cutting
																		B.R	ication
	m3	m3	m3	m3	m3	m3	m3	m3	m3	m3	m3	m3	m3	m3	m3	m3		Unit	of cutting

