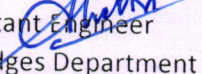


MUCK DISPOSAL CERTIFICATE

The Roads & Bridges Department, Government of Sikkim hereby gives this undertaking to dispose all muck generated in the forest land of length 391m x 16.36m = 0.6396ha. during Construction of road from Singtam Dikchu Highway to Ralap dumping site to Linkhu Gaon(Additional) and also hereby to undertake that:

1. Based on surface excavation (hill cutting) in the forest land a muck management plan has been formulated to manage the disposal of muck generated in the forest land restore such areas from further degradation of the environment and also to ensure that the muck do not substantially interface with either environment/ecology or the river flow regime.
2. During construction of various components of the project, muck is generated from hill cutting works. A tentative quantity of muck generated due to the project in the forest land shall be 0.6396ha. Out of total muck generated in the forest land 60% i.e.0.38376 of the excavated soil shall be utilized to maintain the suitable jeepable grade of the road by providing necessary compaction. It is proposed to utilize the balance 40% i.e. 0.25584 of the excavated material as construction material for back fill for protective walls and for construction of various project components.
3. The muck shall be properly roller compacted and treated to mix match with the surrounding environment with least change in landscape..

Project component	Quantity muck generated (ha.)	Estimated quantity utilized in back fill etc.(ha.)	Balance quantity of muck(cum)	Remarks
Forest land Length (0.6396ha.)	0.38376ha.	0.25584ha.	Nil	


Assistant Engineer
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Singtam, Sub-Division