

**परियोजना का नाम:- जिला योजना के अन्तर्गत जनपद बागेश्वर में हवील कुलवान  
मोटर मार्ग से ज्योणास्टेट लिंक मोटर मार्ग का निर्माण।**

भारत सरकार के पत्रांक 11/ मिस0/ 618/ 2010/ उ0प्र0, राज0, उत्तराखंड/ 11/ 58 दिनांक 16.  
04.2014 साथ संलग्न प्रारूप के अनुसार मलवा निस्तारण योजना।

**MUCK DISPOSAL PLAN**

1. Calculation of muck to be generated. Swell factor has to be applied	3185 cum. As per item no. 1 of enclosed muck disposal plan.
2. Quantity of muck to be utilized in the project activities.	Approximate 80% i.e. 2547 cum. As per item no. 2 of enclosed muck disposal plan.
3. Balance quantity of muck which requires disposal/ Management plan.	638 cum, As per item no. 3 of enclosed muck disposal plan.
4. Carriage of muck from the muck generation site to the dumping site.	Provision for carriage of muck to muck disposal site is being made Rs, 35,090.00 As per item no. 4 of enclosed muck disposal plan.
5. Ownership of land and the consent of land owners, in case muck disposal is proposed on non forest land. Photo graph & carrying capacity of proposed dumping site (Muck disposal site)	Forest Department. (Private land not available) Muck dumping site proposed in khud side of the road for which area already included in reserved forest land schedule. Muck disposal site shown in Google map. Carrying capacity of proposed dumping site is 700 cum as per item no. 5(a) of enclosed muck disposal plan.
6. Development of dumping site- construction of retaining walls and other structure as per requirement of the site. The objective is to completely stop rollig down of the muck.	Provision for development and construction of retaining walls etc. in dumping site Rs. 1,32,000.00 is being made as per item no. 6(b) of enclosed muck disposal Hence total provisions for muck disposal will be made Rs. 1,62,090.00 As per item no. 6 of enclosed muck disposal plan.,
7 Rehabilitation of dumping site like leveling, planting of grass, shrubs and tree species	Dumpig site selected in khud side of the proposed motor road. After construction of motor road plantation will be made by the Forest Department through the provisions of both site plantation fund to be deposited by this Department.

Note- Cost to be incurred on the above activities has to be given component wise. Detail of dumping site including length, width and height of structures to be executed must be meintioned.

Enclosed - Muck disposal plan.

**Undertaking**

I undertaking that -

1. Muck management plan will be implemented by the user agency.
2. The proposed dumping site is located away from river/ Stream/ Nala.
3. Dumping site is located in reserved forest

Junior/ Engineer  
Provincial Division PWD  
Bageshwar

Assistant Engineer  
Provincial Division PWD  
Bageshwar

Executive Engineer  
Provincial Division PWD  
Bageshwar



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### MUCK DESPOSAL PLAN

1. Maerial received from hill side cutting  
 In km.1  $1/3 \times 1300 \times 3 \times 2 + 1.5/2$  = 2275.00 Cum.  
 40 % for swell factor. = 910.00 Cum  
 Grand total :- = 3185.00 Cum.
- 2 Total material (muck) used in motor road during construction – details as given below

S No.	ITEM	QUANTITY (Cum)
1.	R.R. Stone Masonary laid in 1:6	818
2.	R.R. Stone Masonary laid in dry	818
3.	Hand Packed Stone Filling	335
4.	Wire-crate Construction	167
5.	Parapet Construction	0
6.	Granular Sub-base/Base/Surface 00	409
	Total Muck	2547

- 3 Balance material (muck) to be deposited in muck desposal site. = 638.00 Cum,

- 4 Cost of cartage of balance muck upto dumping site 638.00 Cum @ Rs. 55.00/Cm. = Rs. 35,090.00

- 5 Location and capacity of muck dumping yard.

(a) Construction of R.R. dry wall including supply of all materials, labour and T&P etc. required for proper completion of the work as per PWD detailed specification.

Location	Size of dumping yard.	Qty. (in cum)	Type of land	Capacity of dumpig yard.
In KM. 1	1x100x2x1	200	R.F.	350 Cum.
In KM. 1	1x100x2x1	200	R.F.	350 Cum.
	Total=	400		700 Cum.

- (b) Total cost of construction of dumpig yard 400 cum @ 330.00 per cum.

= Rs. 1,32,000.00

- 6 Total Cost of muck desposal plan (4 + 5(b)) =Rs. 1,62,090.00

- 7 Dumpig site selected in khud side of the proposed motor road. After construction of motor road plantation will be made by the Forest Department through the provisions of both side plantation fund to be deposited by this Department.

Junior Engineer  
PD PWD Bageshwar

Assistant Engineer  
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Executive Engineer  
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