

2-19

Engr. 41

# MUCK POSAL PLAN

परियोजना का नाम:- एस.सी.पी. के अन्तर्गत जनपद बागेश्वर में पालड़ीछीना मल्ली ढाना -नैनी मोटर मार्ग का निर्माण।

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

### Summary of MUCK DISPOSAL PLAN

1. Calculation of muck to be generated. Swell factor has to be applied	14700 Cum. As per item 1 of enclosed muck disposal plan.
2. Quantity of muck to be utilized in the project activities.	Approximate 80% i.e. 11760 Cum. As per item 2 of enclosed muck disposal plan.
3. Balance quantity of muck which requires disposal/ Management plan.	2940 cum, As per item 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, 1,61,700.00 As per item 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)	State Govt. land. And R.F. (Private land not available) Consent of Revenue Department enclosed. Muck disposal site shown in Google map with co-ordinates and enclosed with the proporsl. Carrying capacity of proposed dumping site 3000 cum. as shown in item 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 rolling down of the muck.	Provision for development and construction of retaining walls etc. in dumping site is Rs. 5,94,000.00 being made as per item 5(b) of enclosed muck disposal plan. . Hence total provision for muck disposal is Rs. 7,55,700.00 will be made in detail estimate after sanction of forest land.
7 Rehabilitation of dumping site like leveling, planting of grass, shrubs and tree species	Dumping site selected in khud side of the proposed motor road which area already included in land schedule of. 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.

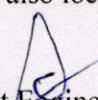
Note:- Cost to be incurred on the above activities has to be given component wise. Detail of dumping site including length, width and height of structures to be executed must be mentioned.  
Enclosed - Muck disposal plan and other papers.

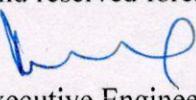
#### Undertaking

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 also located in state land and 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. Material received from hill side cutting

$$\begin{aligned}
 1/3 \times 6000 \times 3 \times 2 + 1.5/2 &= 10500.00 \text{ Cum.} \\
 40\% \text{ for swell factor.} &= 4200.00 \text{ Cum} \\
 \text{Grand total : -} &= 14700.00 \text{ Cum.}
 \end{aligned}$$

### 2 Total material (muck) used in motor road during construction – details as given below

S No.	ITEM	QUANTITY (Cum)
1.	R.R. Stone Masonry laid in 1:6	3777
2.	R.R. Stone Masonry laid in dry	3777
3.	Hand Packed Stone Filling	1545
4.	Wire-crate Construction	773
5.	Parapet Construction	0
6.	Granular Sub-base/Base/Surface	1888
	Total Muck	11760

3 Balance material (muck) to be deposited in muck desposal site.

$$= 2940.00 \text{ Cum,}$$

4 Cost of cartage of balance muck upto dumping site 2940.00 Cum @ Rs. 55.00/Cm.

$$= \text{Rs. } 1,61,700.00$$

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.

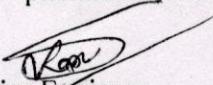
Location	Size of dumping yard.	Qty. (in cum)	Type of land	Capacity of dumping yard.
In KM. 1	1x100x2x1.5	300	State land.	500 Cum.
In KM. 2	1x100x2x1.5	300	R.F.	500 Cum
In KM. 3	1x100x2x1.5	300	State land.	500 Cum
In KM. 4	1x100x2x1.5	300	R.F	500 Cum..
In KM. 5	1x100x2x1.5	300	BP land.	500 Cum
In KM. 6	1x100x2x1.5	300	BP land.	500 Cum
		Total= 1800		3000 Cum.

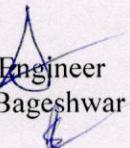
(b) Total cost of construction of dumpig yard 1800 cum @ 330.00 per cum.

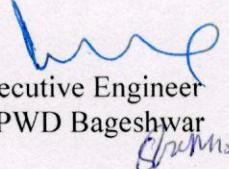
$$= \text{Rs. } 5,94,000.00$$

6 Total Cost of muck desposal plan ( 4 + 5(b) ) =Rs. 7,55,700.00

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 site plantation fund to be deposited by this Department.

  
Junior Engineer  
PD PWD Bageshwar

  
Assistant Engineer  
PD PWD Bageshwar

  
Executive Engineer  
PD PWD Bageshwar  
*Ch. M. S.*

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### अनापत्ति प्रमाण पत्र

एस०सी०पी० के अन्तर्गत जनपद बागेश्वर में पालड़ीछीना—मल्लीढाना—नैनी मोटर मार्ग निर्माण में उत्पादित होने वाले मलवे के निस्तारण हेतु लोक निर्माण विभाग द्वारा उक्त मार्ग के कि०मी० १, ३, एवं ६ में राज्य सरकार की भूमि मलवा एकत्रीकरण हेतु प्रस्तावित की गयी है। अतः जनहित में सड़क के किनार खड्ड साईड में रिक्त भूमि पर दीवाल लगा कर मलवा एकत्रित करने में राजस्व विभाग को कोई आपत्ति नहीं है।

दिनांक २८.०२.२०१५



राजस्व उप निरीक्षक

तहसीलदार  
कामलांगौर

सरपंच वन पचायत  
नैनी