

2.19

# MUCK DISPOSAL PLAN



परियोजना का नाम:- जिला योजना के अन्तर्गत जनपद बागेश्वर में भाकड़पंत से ससोला होते हुए बिजयपुर-खन्तोली मोटर मार्ग के कि०मी० 1 में मिलान मोटर मार्ग का निर्माण।

भारत सरकार के पत्रांक 11/ मिस०/ 618/ 2010/ उ०प्र०, राज०, उत्तराखण्ड/ 11/ 58 दिनांक 16. 04.2037 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	9800 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. 7840 Cum. As per item 2 of enclosed muck disposal plan.
3	Balance quantity of muck which requires disposal/ Management plan.	1960 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. 1,07,800.00 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. Private land not available. Muck disposal area included in land schedule of state land and vanpanchayat land. Consent of Revenue Department and Sarpanch van panchayat enclosed. Muck disposal site shown in Google map with co-ordinates. Carrying capacity of proposed dumping site 2000cum. 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. 2,97,000.00 being made as per item 5(b) of enclosed muck disposal plan. Hence total provision for muck disposal is Rs. 1,07,800.00 + Rs. 2,97,000.00 = Rs. 4,04,800.00 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 state land and vanpanchayat land. 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 not located in reserved forest.

Junior/ Engineer  
Provincial Division PWD  
Bageshwar

Assistant Engineer  
Provincial Division PWD  
Bageshwar

Executive Engineer  
Provincial Division PWD  
Bageshwar



**Name of work :- Construction of Bhakar pant -Sasola To Bijaipur-Khantoli  
Motor Road in KM.1 in District Bageshwar-  
Total length 4.00 KM**

### MUCK DISPOSAL PLAN

- 1 Maerial received from hill side cutting  
 $1/3 \times 4000 \times 3 \times 2 + 1.5/2$  = 7000.00 Cum  
 40 % for swell factor = 2800.00 Cum  
 Grand total :- = 9800.00 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	2518
2.	R.R. Stone Masonary laid in dry	2518
3.	Hand Packed Stone Filling	1030
4.	Wire-crate Construction	515
5.	Parapet Construction	0
6.	Granular Sub-base/Base/Surface 00	1259
	Total Muck	7840

- 3 Balance material (muck) to be deposited in muck disposal site.(1-2 above) = 1960 Cum,  
 4 Co000000st of cartage of balance muck upto dumping site 1960 Cum @ Rs. 55.00/Cum. = Rs. 1,07,800.00  
 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.

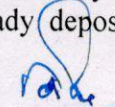
Location	Size of dumping yard.	Qty. (in cum)	Type of land	Capacity of dumping yard.
In KM. 1	1x 150x2x1.5	450	State land.	1000 Cum.
In KM. 3	1x150x2x1.5	450	Banpanchayat.	1000 Cum
Total=		900		2000 Cum.


- (b) Total cost of construction of dumping yard 900 cum @ 330.00 per cum. = Rs. 2,97,000.00

- 6 Total Cost of muck disposal plan (4 + 5(b)) =Rs. 4,04,800.00

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

  
Junior Engineer  
PD PWD Bageshwar

  
Assistant Engineer  
PD PWD Bageshwar

  
Executive Engineer  
PD PWD Bageshwar



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स्वामित्व /अनापत्ति प्रमाण पत्र

जिला योजना के अन्तर्गत जनपद बागेश्वर में भाकड़पंत से ससोला होते हुए बिजयपुर-खन्तोली मोटर मार्ग के कि०मी० 1 में मिलान मोटर मार्ग निर्माण में उत्पादित होने वाले मलवे के निस्तारण हेतु लोक निर्माण विभाग द्वारा उक्त मार्ग के कि०मी० 1 में सड़क किनारे राज्य सरकार की भूमि मलवा एकत्रीकरण हेतु प्रस्तावित की गयी है। अतः जनहित में सड़क के किनारे खड्ड साईड में रिक्त भूमि पर दीवाल लगा कर मलवा एकत्रित करने में राजस्व विभाग को कोई आपत्ति नहीं है।

दिनांक

राजस्व उप निरीक्षक

  
तहसीलदार  
काण्डा  
जनपद-बागेश्वर

स्वामित्व /अनापत्ति प्रमाण पत्र

जिला योजना के अन्तर्गत जनपद बागेश्वर में भाकड़पंत से ससोला होते हुए बिजयपुर-खन्तोली मोटर मार्ग के कि०मी० 1 में मिलान मोटर मार्ग निर्माण में उत्पादित होने वाले मलवे के निस्तारण हेतु लोक निर्माण विभाग द्वारा उक्त मार्ग के कि०मी० 3 में सड़क किनारे हथरसिया वन पंचायत की भूमि मलवा एकत्रीकरण हेतु प्रस्तावित की गयी है। अतः जनहित में सड़क के किनारे खड्ड साईड में रिक्त भूमि पर दीवाल लगा कर मलवा एकत्रित करने में राजस्व विभाग को कोई आपत्ति नहीं है।

दिनांक

सरपंच  
वन पंचायत हथरसिया

  
सरपंच  
वन पंचायत हथरसिया  
काण्डा जनपद-बागेश्वर