

परियोजना का नाम:- जिला योजना के अन्तर्गत काण्डा-मन्तौली का विस्तार तल्ला तिपोला तक 4.00 किमी० लम्बाई में मोटर मार्ग निर्माण।

भारत सरकार के पत्रांक 11/मिस०/618/2010/उ०प्र०,राज०, उत्तराखण्ड/11/58 दिनांक 16.04.14  
साथ संलग्न प्रारूप के अनुसार मलवा निस्तारण योजना।

### MUCK DISPOSAL PLAN

1. Calculation of muck to be generated. Swell factor has to be applied	35276.00 cum. As per item no. 1 of enclosed muck disposal plan.
2. Quantity of muck to be utilized in the project activities.	Approximate i.e. <b>23123.50</b> cum. As per item no. 2 of enclosed muck disposal plan.
3. Balance quantity of muck which requires disposal/ Management plan.	26933.50 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, 8,39,737.75 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 land. . (Private land not available) Muck dumping site proposed in khud side of the road in each km. for which extra area is being included in the land schedule. Muck disposal site shown in Google map. Carrying capacity of proposed dumping site is <b>12060.00</b> 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 stone wire crate walls etc. in dumping site Rs. 23,43,787.65 is being made as per item no. 5(b) of enclosed muck disposal  Hence total provisions for muck disposal will be made Rs. <b>31,83,525.40</b> As per item no. 6 of enclosed muck disposal plan.,
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. 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 mentioned.

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.

Junior Engineer  
Provincial Division PWD

कनिष्ठ अभियन्ता  
प्रान्तीय खण्ड लो०नि०वि०  
बागेश्वर

Assistant Engineer  
Provincial Division PWD

सहायक अभियन्ता  
प्रान्तीय खण्ड लो०नि०वि०  
बागेश्वर

Executive Engineer  
Provincial Division PWD

अधीक्षक अभियन्ता  
प्रान्तीय खण्ड लो०नि०वि०  
बागेश्वर



परियोजना का नाम:- जिला योजना के अन्तर्गत काण्डा-मन्तौली का विस्तार तल्ला तिपोला तक 4.00 किमी० लम्बाई में मोटर मार्ग निर्माण।

### MUCK DESPOSAL PLAN

- 1 Maerial received from hill side cutting  
 $1/2 \times 4000 \times (0.9 \times 5.95) + (0.1 \times 6.75) \times \{(0+6)/2 + (0+3)/2\} / 2 = 27135.00 \text{ Cum.}$   
 30 % for swell factor.  $= 8141.00 \text{ Cum}$   
 Grand total :-  $= 35276.00 \text{ Cum.}$
- 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	2800.0
2.	R.R. Stone Masonary laid in dry	2800.0
3.	Hand Packed Stone Filling	1400.0
4.	Wire-crate Construction	800.0
5.	Parapet Construction	300.0
6.	Granular Sub-base/Base/Surface	2100.0
7.	Muck utilized at site for road leveling undulation	11200.0
8.	RR stone masonry for construction of Dumping yard	1723.5
	Total Muck	23123.5

3. Balance material (muck) to be deposited in muck desposal site.  $= 12152.50 \text{ Cum,}$

4. Cost of cartage of balance muck upto dumping site 26933.50 Cum @ Rs 69.10/Cm.  $= \text{Rs. } 8,39,737.75$

5. Location and capacity of muck dumping yard.  
 (a) Construction of stone wire crate wall including supply of all materials, labour and T&P etc. required for proper completion of the work as per PWD detailed specification.

Location	Area of dumping Yard	Qty. of muck disposed(in cum)	Qty. of stone wire crate For Const. of Dumping yard	Type of land
In KM. 1	6x90x6x1.5	4860.00	1377.00	Civil Land
In KM. 2	5x85x6x1.5	3825.00	1091.25	Civil Land
In KM. 3	5x75x6x1.5	3375.00	978.75	Van Panchayat
		<b>Total = 12060.00</b>	<b>3447.00</b>	

Taking Qty 50% as their may be some flat places i.e 1723.50

- (b) Total cost of construction of dumpig yard 1723.50 cum @ 1359.90 per cum.  $= \text{Rs. } 23,43,787.65$
6. Total Cost of muck desposal plan(4+5(b))  $= \text{Rs } 31,83,525.40$

Junior Engineer  
 Provincial Division PWD  
 Bageshwar  
 प्रांतीय बाणेश्वर

Assistant Engineer  
 Provincial Division PWD  
 Bageshwar  
 प्रांतीय बाणेश्वर

Executive Engineer  
 Provincial Division PWD  
 Bageshwar  
 प्रांतीय बाणेश्वर




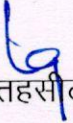
परियोजना का नाम:- जिला योजना के अन्तर्गत काण्डा-मन्तोली का विस्तार तल्ला तिपोला तक 4.00 किमी० लम्बाई में मोटर मार्ग निर्माण।

### स्वामित्व एवं अनापत्ति प्रमाण पत्र

जिला योजना के अन्तर्गत जनपद बागेश्वर में विधानसभा क्षेत्र बागेश्वर के अन्तर्गत काण्डा-मन्तोली का विस्तार तल्ला तिपोला तक 4.00 किमी० लम्बाई में मोटर मार्ग निर्माण में उत्पादित होने वाले मलवे के निस्तारण हेतु लोक निर्माण विभाग द्वारा उक्त मार्ग के कि०मी० 1 एवं 2 में राज्य सरकार की वन भूमि मलुवा एकत्रीकरण हेतु प्रस्तावित की गयी है जिसका क्षेत्रफल लैन्ड शैडयूल में सम्मिलित 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  
राजस्व उपनिरीक्षक क्षेत्र.....  
जनपद-बागेश्वर

  
तहसीलदार  
तहसीलदार  
बागेश्वर