

परियोजना का नाम:- जनपद बागेश्वर के विधानसभा क्षेत्र बागेश्वर के अन्तर्गत स्याली से इड़िया-मनाखेत मोटर मार्ग का विस्तार कार्य।

MUCK DESPOSAL PLAN

- 1 Maerial received from hill side cutting
 $1/2 \times 6000 \times (0.9 \times 5.95) + (0.1 \times 6.75) \times \{(0+6)/2 + (0+3)/2\} / 2 = 40702.50 \text{ Cum.}$
 30 % for swell factor. $= 12211.00 \text{ Cum}$
 Grand total :- $= 52913.50 \text{ Cum.}$
- 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	8000
2.	R.R. Stone Masonary laid in dry	8000
3.	Hand Packed Stone Filling	2400
4.	Wire-crate Construction	1450
5.	Parapet Construction	817.5
6.	Granular Sub-base/Base/Surface	2100
7.	Muck utilized at site for road leveling undulation	28000
8.	RR stone masonry for construction of Dumping yard	1120
	Total Muck	51887.50

3. Balance material (muck) to be deposited in muck desposal site. $= 1026.00 \text{ Cum,}$
4. Cost of cartage of balance muck upto dumping site $1026.00 \text{ Cum @ Rs } 69.10/\text{Cum.}$ $= \text{Rs. } 70896.50$
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	4x27x3x1.5	486.00	297.00	State
In KM. 4	4x30x3x1.5	540.00	324.00	R.F
	Total = 1026.00		621.00	

Taking Qty 50% as their may be some flat places i.e 310.50

(b) Total cost of construction of dumpig yard $310.50 \text{ cum @ } 1359.90 \text{ per cum.}$ $= \text{Rs. } 4,22,248.50$

(C) Provision for Re-clamation Plan 20% of (b) above $= 84450.00$

6. Total Cost of muck desposal plan $(4+5(b+c)) = \text{Rs } 5,77,595.00$

Junior/ Engineer
 Provincial Division PWD

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परियोजना का नाम:- जनपद बागेश्वर के विधानसभा क्षेत्र बागेश्वर के अन्तर्गत स्याली से इड़िया-मनाखेत मोटर मार्ग का विस्तार कार्य।

भारत सरकार के पत्रांक 11/मिस0/618/2010/उ0प्र0,राज0, उत्तराखंड/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	52913.50 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. 51887.50 cum. As per item no. 2 of enclosed muck disposal plan.
3. Balance quantity of muck which requires disposal/ Management plan.	1026.00 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, 70896.50 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 310.50 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. 4,22,248.50 is being made as per item no. 5(b) of enclosed muck disposal Hence total provisions for muck disposal will be made Rs. 5,77,595.00 As per item no. 6 of enclosed muck disposal plan.,
7 Provision for Re clamation Plan	20% of (b) above = 84450.00
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 meintioned.
Enclosed - Muck disposal plan.

Undertaking

I undertaking that -

- 1.
- 2.

Muck management plan will be implemented by the user agency.
The proposed dumping site is located away from river/ Stream/ Nala.

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