

Annexure- "B"

**Model Plan related to Engineering measures for Stabilization of Muck Dumping Sites in Forest Area.**

Typical Estimate for construction of Crated wall to protect dumping sites of Surplus Muck/Excavated Material in forest area as per Engineering measures.

Taking Length of Crated Wall = 50.00 Mtrs.

Trench Excavation in Dense

Soil for Structures = 1 x 50 mtr x 1.40 mtr x 0.60 mtr  
= 42.00 Cum @ Rs 332/cum  
= Rs. 13944/-

For four layered Crated Wall,

Quantity = 4 x 50 mtr x 1.20 mtr x 1.20 mtr = 288.0 cum

Amount = 288.00 Cum @ Rs 1200 / Cum (including cost of crates and labour for handling of available stones)

= Rs. 345600/-

Total amount for 50.00 mtrs Four layered Crated Wall

= Rs. (13944+345600)=359544/-

Rate per Mtr = Rs. 7190.88/-

Say 7191/mtr

  
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Full Title of The Project:- CONSTRUCTION OF ROAD FROM NARORE TO KAINTHGALI UNDER NABARD.

FILE NO:-FP/JK/ROAD/45328/2020

DATE OF PROPOSAL:-

**DETAIL OF MUCK/DEBRIS TO BE PRODUCED**

Name of Work:- CONSTRUCTION OF ROAD FROM NARORE TO KAINTHGALI UNDER NABARD TO BE CONSTRUCTED IN DISTRICT UDHAMPUR UT JAMMU AND KASHMIR.

Detail of quantity to be produced and used during the construction of road.

S.No.	Description of items	Quantity (in cum)
	Total quantity to be produced during construction	27570.00
1	To be used for soling of road (6.5%), wearing of road (6.5%) and filling behind retaining walls of road (20%) total (33%)	9098.00
2	To be used for local use for construction of road average (total 33%)	9098.00
3	<b>Total Quantity to used (1+2)</b>	18196.00
4	Net quantity to be dumped (3-(1+2))	9374.00
5	Soil factor 40%	3749
	<b>G. Total (4+5)</b>	13123.00

  
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## PERFORMA-V

STATEMENT SHOWING DETAIL OF PLACES FOR DISPOSAL OF MUCK/ DEBRIS OF CONSTRUCTION OF ROAD FROM NARORE TO KAINTHGALI  
UNDER NABARD TO BE CONSTRUCTED IN DISTRICT UDHAMPUR UT JAMMU AND KASHMIR.

S.No.	Name of dumping places	Location of Dumping places i.e. village Khasra No.	Slope of dumping place	Length and width (in mtrs) and area of Dumping places (in sqm)	Quantity of muck/ Debris to be dumped (in 1000 cum)	Height of dumping expected Remarks (Area in bigha)	Remarks (Area in ha)
1	Near Galmera	2/750 to 2/800	1:4	50 m x 50 m = 2500 sq.m	1.31	5.30	0.25 ha
			Total	2500	1.31		0.25
							Say 0.25 Ha

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PERFORMA-III (REFER ITEM-8)

STATEMENT SHOWING DUMPING QUANTITY OF MUCK/ DEBRIS TO BE DUMPED WITH OTHER DETAIL FOR CONSTRUCTION OF ROAD FROM NARORE TO KAINTHGALI UNDER NABARD TO BE CONSTRUCTED IN DISTRICT UDHAMPUR UT JAMMU AND KASHMIR.

S.No.	Name of component from Muck/ Debris is to be produced	Total qty. of Muck/ Debris to be produced (in cum)	Qty. of muck / Debris to be utilized locally (in cum)	Qty. of muck / Debris to be Dumped on compact basis (in cum)	Factor of increase in Vol. for dumping (in cum)	Qty. of muck / Debris to be Dumped on basis of increase (in cum)	Name of Dumping Places	Slope of dumping Places	Location of Dumping Places, Police station and nearby road	Distance of Dumping Place from river (in KMs)	Area of Dumping place with Length and Breadth (in hect.)	Area of forest land out of land in Column 10 (in hect.)	Height of muck / Debris dump expected (Vol. Area ) in mtrs	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Formation Cutting work	27570	18196	9374	1.4	13123	Near Galmara	1:4	2/750 to 2/800, Police station Pancheri		0.25	1.14	5.3	

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Full Title of The Project:- CONSTRUCTION OF ROAD FROM NARORE TO KAINTHGALI UNDER NABARD.

FILE NO:- FP/JK/ROAD/45328/2020

DATE OF PROPOSAL:-

**STATEMENT SHOWING THE ROAD LINE TO BE CONSTRUCTED FOR CONSTRUCTION OF ROAD FROM NARORE TO KAINTHGALI UNDER NABARD TO BE CONSTRUCTED IN DISTRICT UDHAMPUR UT JAMMU AND KASHMIR.**

S.No.	RD		Distance in mtrs.			Width of right of way	Area of road		Total area in Sqm	Name of Village/ Muhl and forest Area nearby	Muck/Debrries to produce Total cum	Muck/ Debrries to produce locally from 50%	Muck/ Debrries dumped locally for work 50%	Remarks
	From	To	Forest land (in mtrs)	Non Forest land (in mtrs)	Total (in mtrs)		Forest land	Non Forest land						
	1/850	3/750	1900	0	1900	6	1900 x 6 = 11400 sqm or 1.14 Ha	0	1.14	Narore	27570	13785	13785	

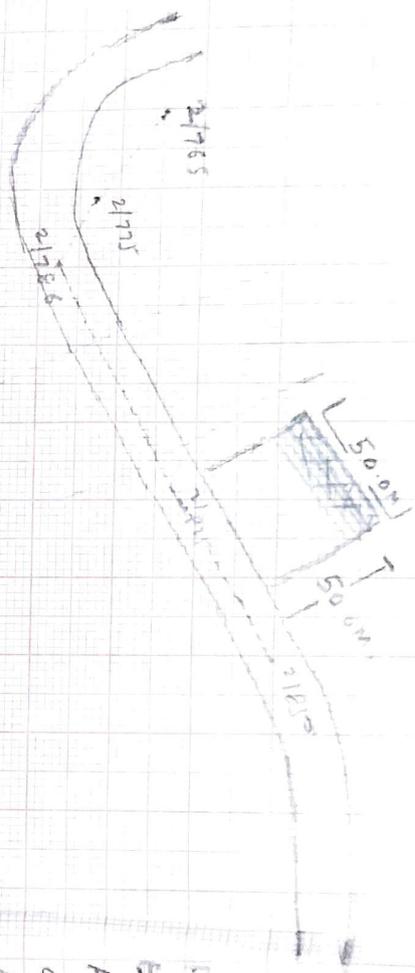
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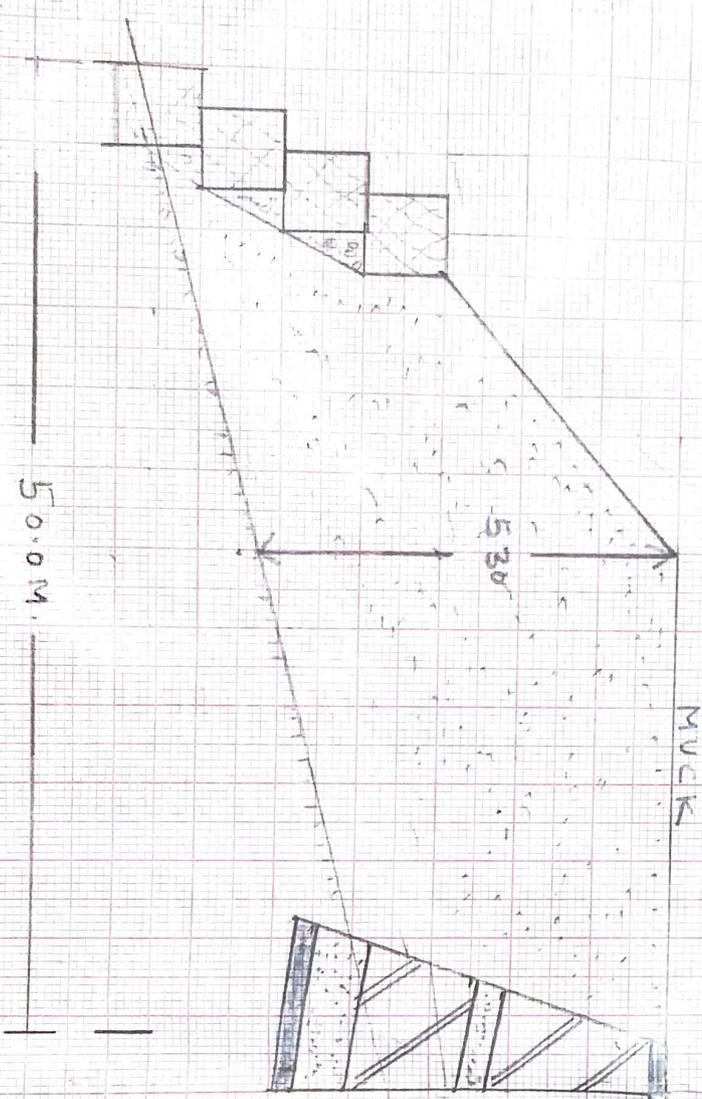
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FOUR-LAYER ROAD COATE



YOU ALSO SHOULD ADVISE SECTION FOR STABILIZATION OF MUCK/SCOPING EXCAVATED MATERIAL ON FOREST AREA USING CUTTING OF THE ALIGNMENT OF NARROW TO STANDARD ROAD UNDER NARROW.



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