

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

**(FOR ONE DUMPING POINT)**

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 = 40.00 Mtrs.

Trench Excavation in Dense

Soil for Structures = 1 x 40 mtr x 1.40 mtr x 0.60 mtr  
= 33.60 Cum @ Rs 332/cum  
= Rs. 11155/-

For Six layered Crated Wall,

Quantity = 6 x 40 mtr x 1.20 mtr x 1.20 mtr = 345.60 cum

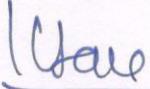
Amount = 345.60 Cum @ Rs 1200 / Cum (including cost of crates and labour for handling of available stones)

= Rs. 414720/-

Total amount for 40.00 mtrs Six layered Crated Wall =

Rs. (11155+414720)=425875/-

Rate per Mtr = Rs. 10646.88/- **Say 10647/mtr**

  
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**Full Title of The Project:- Construction of road from Lali Dhabar via Sergali Pauni (Dhengidhar) to village Tote Phase 2nd under NABARD Loan Assistance (L= 2.0 km).**

**FILE NO:-FP/JK/ROAD/47867/2020**

**DATE OF PROPOSAL:-**

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

**Name of Work:-Construction of road from Lali Dhabar via Sergali Pauni (Dhengidhar) to village Tote Phase 2nd under NABARD Loan Assistance (L= 2.0 km). 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)
1	Total quantity to be produced during construction	19494.66
2	Consumable Muck quantity at work	9747.33
3	Net quantity to be dumped (1-2)	9747.33
4	Soil factor 40%	3898.93
	<b>G. Total (3+4)</b>	<b>13646.26</b>

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 FILE NO:- FP/JK/ROAD/47867/2020  
 DATE OF PROPOSAL:- 28/04/2020

STATEMENT SHOWING THE ROAD LINE TO BE CONSTRUCTED FOR Construction of road from Lali Dhabar via Sergali Pauni (Dhengidhar) to village Tote Phase 2nd under NABARD Loan Assistance (L= 2.0 km) 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/ Muhal and forest Area nearby	Muck/Debrises to produce Total cum	Muck/ Debrises to be consumed at work	Muck/ Debrises to be dumped	Remarks
	From	To	Forest land (in mtrs)	Non Forest land (in mtrs)	Total (in mtrs)		Forest land	Non Forest land						
	0/125	0/450												
	0/800	0/935	940	0	940	940 x 6= 5640 sqm or 0.56 Ha	0	5640 sq.m or 0.56 Ha	Lali, Dhengidhar	19494.66	9747.33	9747.33		
	1/65	1/500												
	1/740	1/785												

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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 Lali Dhabar via Sergali Pauni (Dhengidhar) to village Tote Phase 2nd under NABARD Loan Assistance (L= 2.0 km) 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	Formation Cutting work	19494.66	4	5	6	7	8	9	10	11	12	13	14	15
			9747.33	9747.33	1.4	13646.26	Near Darabar Dhengidhar	1:4	0/310 to 0/350		0.08	0.64	8.0	

*Yase*

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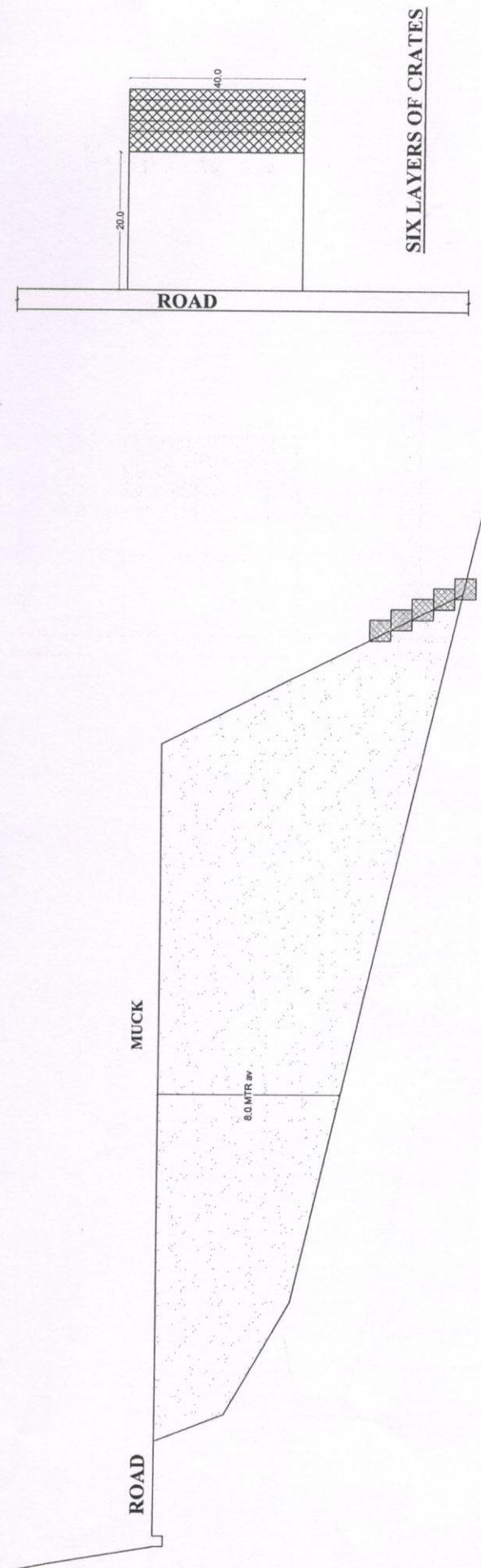
## PERFORMA-V

STATEMENT SHOWING DETAIL OF PLACES FOR DISPOSAL OF MUCK/ DEBRIS OF CONSTRUCTION OF ROAD FROM LALI DHABAR VIA SERGALI PAUNI (DHENGIDHAR) TO VILLAGE TOTE PHASE 2ND UNDER NABARD LOAN ASSISTANCE (L= 2.0 KM) 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 DHENGIDHAR	0/310 to 0/350	1:4	40 m x 20 m = 800 sq.m	1.36	8.00	0.08
			Total	800 sq.m	1.36		0.08 ha
							Say 0.08 Ha

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TYPICAL CROSS SECTION AND SITE PLAN OF MUCK DISPOSAL POINT FOR STABILIZATION OF MUCK EXCAVATED FROM FOREST AREA COMING IN THE ALIGNMENT OF CONSTRUCTION OF ROAD FROM LALI DABBAR VIA SERGALI PAUNI(DHENGIDHAR) VILLAGE TOTE PHASE 2ND UNDER NABARD (LOAN ASSISTANCE) L-2.0 KM

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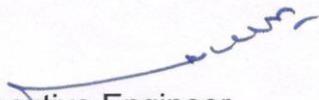
**OFFICE OF THE EXECUTIVE ENGINEER PWD (R&B) DIVISION**  
**UDHAMPUR**

**Muck disposal plan for the construction of road from Lalli Dabbar to  
Tote-Phase-II under NABARD RIDF-XXV**

**Brief History:-** The road from Lalli Dabbar to Tote Phase-II takes off from Km 44<sup>th</sup> of Kainthgali Bhamag road and having a length of 2.00 Kms. The above said road is being constructed under NABARD RIDF-XXV. This road will be a life line of more than 20000 souls directly or indirectly and benefitted number of villages i.e Mongri, Ladda, Lalli Dabbar, Lalli, Tote, Bariote etc.

**Muck disposal plan for Muck dumping point:**

Out of the total quantity of muck which will be excavated for construction of new road. 50% of this quantity shall be used for filling behind R/wall, Culverts, Abutments, the remaining quality shall be disposed at the identified dumping site care shall be taken this muck does not spread to adjoining area for which 0.24 hectare area has been proposed for three number dumping sites each having area of 0.08 hectare. One number dumping site proposed in forest area while two number dumping sites are proposed in private land.

  
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