

Annexure- "B"

Model Plan related to Engineering measures for Stabilization of Muck Dumping Sites (7 nos.) 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 = 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 Six layered Crated Wall,

Quantity = 6 x 50 mtr x 1.20 mtr x 1.20 mtr = 432.0 cum


Amount = 432.00 Cum @ Rs 1200 / Cum (including cost of crates and labour for handling of available stones)

= Rs. 518400/-

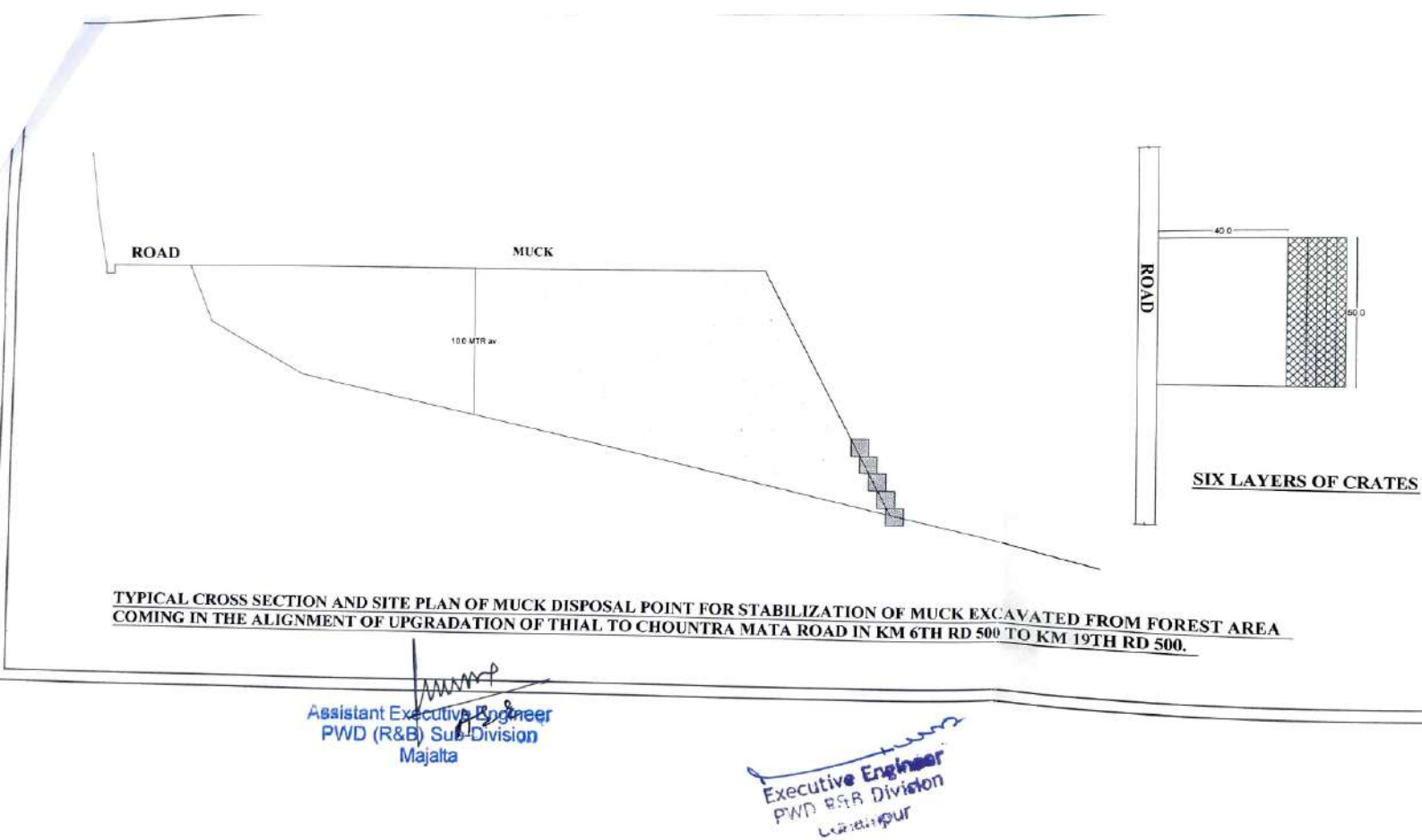
Total amount for 50.00 mtrs Six layered Crated Wall =

Rs. (13944+518400)=532344/-

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


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Full Title of The Project:- UPGRADATION OF ROAD FROM THIAL TO CHOUNTRA MATA IN KM 6TH RD 500 TO KM 19TH RD 500.

FILE NO:-FP/JK/ROAD/146404/2021

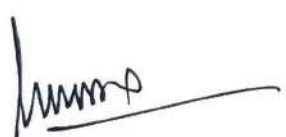
DATE OF PROPOSAL:- 25/08/2021.

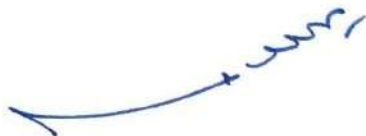
DETAIL OF MUCK/DEBRIES TO BE PRODUCED

Name of Work:- UPGRADATION OF ROAD FROM THIAL TO CHOUNTRA MATA IN KM 6TH RD 500 TO KM 19TH RD 500 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	293616.49
2	Consumable Muck quantity at work	170116.27
3	Net quantity to be dumped (1-2)	123500.22
4	Soil factor 40%	49400.09
	G. Total (3+4)	172900.31


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PERFORMA-V

STATEMENT SHOWING DETAIL OF PLACES FOR DISPOSAL OF MUCK/ DEBRIS OF UPGRADATION OF ROAD FROM THIAL TO CHOUNTRA MATA IN KM 6TH RD 500 TO KM 19TH RD 500 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 DARABAR	11/500 to 11/550	1:4	50 m x 40 m = 2000 sq.m	1.72	10.00	0.20 ha
2		12/300 to 12/350	1:4	50 m x 40 m = 2000 sq.m	1.72	10.00	0.20 ha
3		13/500 to 13/550	1:4	50 m x 40 m = 2000 sq.m	1.72	10.00	0.20 ha
4		15/0 to 15/50	1:4	50 m x 40 m = 2000 sq.m	1.72	10.00	0.20 ha
5		16/0 to 16/50	1:4	50 m x 40 m = 2000 sq.m	1.72	10.00	0.20 ha
6		17/0 to 17/50	1:4	50 m x 40 m = 2000 sq.m	1.72	10.00	0.20 ha
7		18/0 to 18/50	1:4	50 m x 40 m = 2000 sq.m	1.72	10.00	0.20 ha
		Total		14000 sq.m	12.04		1.40 ha
							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 UPGRADATION OF ROAD FROM THIAL TO CHOUNTRA MATA IN KM 6TH RD 500 TO KM 19TH RD 500 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	293616.49	170116.27	123500	1.4	172900	Near Darabar	1:4	11/500-550, 12/300-350, 13/500-550, 15/0-50, 16/0-50, 17/0-50, 18/0-50.		1.40	4.20	10.0	



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 FILE NO:- FP/JK/ROAD/146404/2021
 DATE OF PROPOSAL:- 25/08/2021

STATE OF JAMMU & KASHMIR: 12/03/2022

STATEMENT SHOWING THE ROAD LINE TO BE CONSTRUCTED FOR UPGRADATION OF ROAD FROM THIAL TO CHOUNTRA MATA IN KM 6TH RD 500 TO KM 19TH RD 500 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 nearly	Muck/Debries to produce Total cum	Muck/ Debries to be consumed at work	Muck/ Debries to be dumped	Remarks
	From	To	Forest land (in mtrs)	Non Forest land (in mtrs)	Total (in mtrs)		Forest land	Non Forest land						
	11/500	18/500	7000	0	7000	6.00	7000 x 6= 42000 sqm or 4.20 Ha	0	42000 sq.m or 4.20 Ha	DRABARH, BAINSA DA NAAL, CHOUNTRA	293616.49	170116.27	172900.31	


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