

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 = $1 \times 50 \text{ mtr} \times 1.40 \text{ mtr} \times 0.60 \text{ mtr}$
= 42.00 Cum @ Rs 332/cum
= Rs. 13944/-

For Six layered Crated Wall,

Quantity = $6 \times 50 \text{ mtr} \times 1.20 \text{ mtr} \times 1.20 \text{ mtr} = 432.0 \text{ cum}$

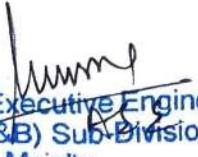
Amount = 432.00 Cum @ Rs 1200 / Cum (including cost of crates and labour for handling of available stones)

= Rs. 518400/-

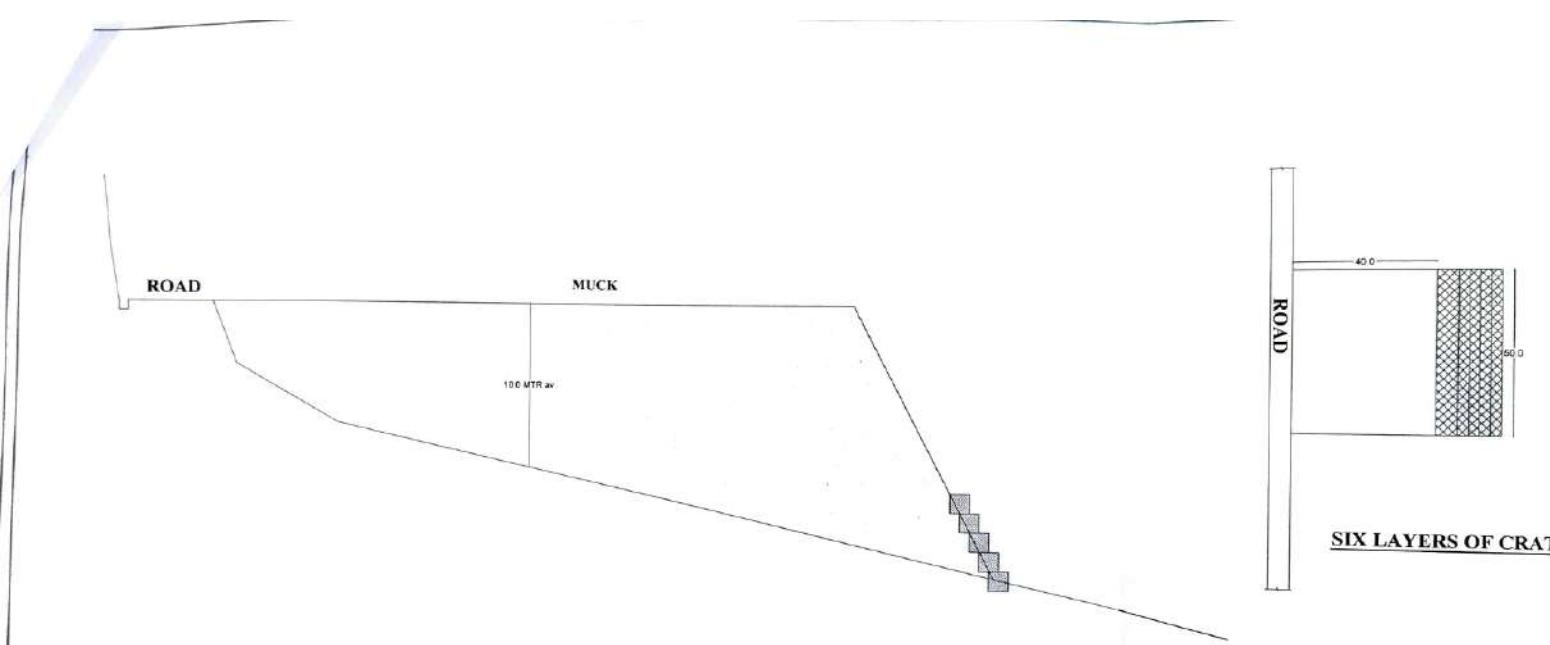
Total amount for 50.00 mtrs Six layered Crated Wall =

Rs. (13944+518400)=532344/-

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


Assistant Executive Engineer
PWD (R&B) Sub-Division
Majalta


Executive Engineer
PWD (R&B) Division
Udhampur



TYPICAL CROSS SECTION AND SITE PLAN OF MUCK DISPOSAL POINT FOR STABILIZATION OF MUCK EXCAVATED FROM FOREST AREA
COMING IN THE ALIGNMENT OF UPGRADATION OF THIAL TO CHOUNTRA MATA ROAD IN KM 6TH RD 500 TO KM 19TH RD 500.

Assistant Executive Engineer
PWD (R&B) Sub Division
Majalgaon

Executive Engineer
PWD R&B Division
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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

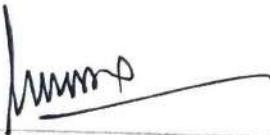
DATE OF PROPOSAL:- 25/08/2021

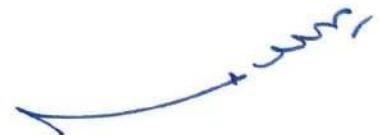
DETAIL OF MUCK/DEBRIES TO BE PRODUCED

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


Assistant Ex. Engineer
PWD (R&B) Sub division
Majalta


Executive Engineer
PWD (R&B) Division
Udhampur

PERFORMA-V

STATEMENT SHOWING DETAIL OF PLACES FOR DISPOSAL OF MUCK/ DEBRIS OF UPGRADEMENT 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

Assistant Ex. Engineer
PWD (R&B) Sub division
Majalta

Executive Engineer
PWD (R&B) Division
Udhampur

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 with Length and Breadth (in KMs)	Area of Dumping place with Column 10 (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	

W.W.W.P
Assistant Ex. Engineer
PWD (R&B) Sub division
Majalta

Udhampur
Executive Engineer
PWD (R&B) Division
Udhampur

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

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/Debris to produce Total cum	Muck/ Debris to be consumed at work	Muck/ Debris 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	


Assistant Ex. Engineer
PWD (R&B) Sub division
Majalta


Executive Engineer
PWD (R&B) Division
Udhampur