

Model Plan related to Engineering measures for statbilization of Muck dumping site in Forest Area on Bawa Mangit road

Typical Estimate for the construction of created wall to protect dumping sites of surplus Muck/Excavated material in Forest Area as per Engineering measures

S.No	Particulars	Amount
1	Earth work in excavation by manual means in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed:	
	$3(25+2 \times 18.50) \times (0.60+0.80) \times \frac{1}{2} \times 1.40 = 182.28 @ 488.05$	88961.00
	Hand-packing stones in wire-crates; including cost of crates and stones	
	$3(25+2 \times 18.50) \times 2 \times 1.20 \times 1.20 = 535.68 @ 1823.46$	976791.00
Total		1065752.00


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


 Executive Engineer
 PWD (R&B) Division
 Ramban


 Divisional Forest Officer
 Ramban Forest Division
 Ramban

DETAILS OF MUCK/DEBRIES TO BE PRODUCED

NAME OF THE WORK:- CONSTRUCTION OF BAWA TO MANGIT ROAD

DETAIL OF QUANTITY TO BE PRODUCED AND RESUED DURING THE CONSTRUCTION OF THE ROAD

S.No	Description of Items	Qty.
1	Total Quantity to be produced during the construction	12311 Cum
2	To be used for soling of road (6.50%) wearing of road 6.50% and filling behind R/walls of road (20%) (Total 33%)	4062 Cum
3	To be used for local use for construction of road (Avg. 33%)	4062 Cum
4	Total Quantity to be used	8124 Cum
5	Net Quantity to be dumped (1-4)	4187 Cum
6	Soil Factor 40%	1675 Cum
G. Total (5+6)		5862 Cum

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

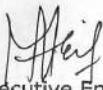
Executive Engineer
PWD (R&B) Division
Ramban

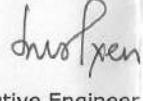

Divisional Forest Officer
Ramban Forest Division
Ramban

PROFORMA-III

**STATEMENT SHOWING DUMPING QULAITY OF MUCK/DEBRIS TO BE DUMPED WITH OTHER DETAIL FOR
PROJECT CONSTRUCTION OF BAWA TO MANGIT ROAD**

S.No	Name of component from Muck/Debris is to be produced	Total qty. of Muck/Debris to be produced (000M3) (in Cum)	Qty. of Muck/Debris to be utilized locally(000M3) (in Cum)	Qty. of Muck/Debris to be Dumped on compact basis(000M3) (in Cum)	Factor of Increase in Vol. for Dumping (in Cum)	Qty. of Muck/Debris to be Dumped on basis of increase (000M3) (in Cum)	Name of dumping places	Slop of dumping place	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	12311	8124	4187	1.4	5862	1st, 2nd & 3rd	1H:3V			0.15	0.9	8	


 Asstt. Executive Engineer
 PWD (R&B) Sub- Division
 Ramsoo


 Executive Engineer
 PWD (R&B) Division
 Ramban

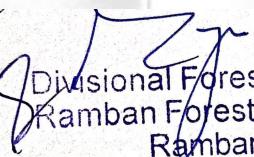

 Divisional Forest Officer
 Ramban Forest Division
 Ramban

**STATEMENT SHOWING THE DETAIL OF PLACES FOR DISPOSAL OF MUCK/DEBRIS FOR CONSTRUCTION OF
BAWA TO MANGIT ROAD**

S.No	Name of the dumping place	Location of dumping place i.e Village Khasra No.	Slope of dumping place	Length width (in mts) and area of dumping place (in Sqm)	Qty of muck/debris to be dumped	Height of dumping expected	Remarks (Area in Bigha)
1	1st (Bawa) in km 1st RD 500-525	Bawa in km 1st RD 500-525	1:2.5,	25x20=500Sqm	1950Cum	8.0	0.05
2	2nd in km 1st RD 900-925	Nagandar in km 1st RD 900-925	1:3,	25x20=500Sqm	1950Cum	8.0	0.05
3	3rd in km 2nd RD 400-425	Nagandar in km 2nd RD 400-425	1:3,	25x20=500Sqm	1950Cum	8.0	0.05
	Total			1500Sqm	5850Cum		0.15

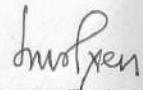

Asstt. Executive Engineer
PWD (R&B)Sub- Division
Ramsoo


Executive Engineer
PWD (R&B)Division
~~Ramban~~


Divisional Forest Officer
Ramban Forest Division
Ramban

NAME OF THE PROJECT:-			CONSTRUCTION OF BAWA TO MANGIT ROAD											
S.No	RD		Distance in mtrs			Width of right of way	Area of road		Total area in Sqm	Name of Village/Muh al and forest area nearly	Muck/Debris to produce Total Cum	Muck/Debris to produce locally from 50%	Muck/Debris dumped locally for work 50%	Remarks
	From	To	Forest land (in mtr)	Non-Forest land (in mtr)	Total (in mtr)		Forest land	Non-Forest land						
1	0/00	1/500	1500	0	1500	6	1500x6 = 9000	9000	9000	Bawa/Naganda r	12311	6156	6156	


Asstt. Executive Engineer
PWD (R&B) Sub-Division
Ramsar


Executive Engineer
PWD (R&B) Division
Ramban


Divisional Forest Officer
Ramban Forest Division
Ramban

TYPICAL SITE PLAN AND X-SECTION FOR STABILIZATION OF MUCK/SURPLUS EXCAVATED MATERIAL IN FOREST AREA ON BANA TO MANGITH AREA .

