

CHECKLIST (DFO)

Name of the Proposal Road from Gachhameerabari to Masila Rajundi.
Division Billawar Forest Division, Billawar.

S.no.	Particulars	Document enclosed (Yes/No)
1	Fill the Form-A (Part-II)	Yes
2	Joint Inspection by the representative of DFO and Project Authority and authentication of:	
	(i) inspection report	Yes
	(ii) enumeration list of trees/poles on the forest	Yes
	(iii) calculation of area (length and width) of forest land involved	Yes
	(iv) Layout plan with dimensions	Yes
3	Certificate that all alternatives have been explored and the proposed forest land is the minimum land required for the project, as per format (attached).	Yes
4	C.A. Proposal approved by the competent authority	Yes
5	Geo-reference map of CA site	Yes
6	Suitability certificate from the DFO regarding area proposed for CA (degraded forest land/non-forest land) suitable from management point of view, as per the format (attached)	Yes
7	Calculation sheet of NPV	Yes
8	Calculation sheet of Extraction charges	Yes
9	Undertaking by User Agency to pay the following for the forest land involved duly countersigned by DFO as per the format (attached).	
	a) C.A,	Yes
	b) the Net Present Value (NPV)	Yes
	c) Additional Net Present Value (NPV) if any,	Yes
10	All proposals involving forest land more than 5 Ha (except for defence and building construction related cases) shall include a cost-benefit analysis, as per the format.	Yes
11	Site inspection report of DFO as per the format (attached)	Yes
12	Muck disposal plan	Yes
13	Specific recommendation of DFO	Yes
14	Recommendation of concerned Conservator of Forests	
15	Violation report, if any	

Divisional Forest Officer
Billawar Forest Division
Billawar

J-E

User Agency

Executive Engineer
PMGSY Division
Ramnagar

CHECKLIST**Name of the Proposal :- Road from Garhsamnabanj to Marila Rajundi****Division :- Billawar Forest Division****User Agency :- Executive Engineer PMGSY****Division Ramnagar**

S No.	Particulars	Document enclosed (Yes/No)
1	Register online through the portal "parivesh.nic.in"	Yes
2	Fill the Form-A Part-I (extent of proposed area for diversion to be preferably in two digits after decimal)	Yes
3	Upload authorization letter to the person submitting application on Parivesh portal by the competent authority of the user agency. ID Card, Pan Card etc not to be uploaded.	Yes
4	Upload coloured Survey of India Toposheet Map of the project site/forest land to be diverted, or any suitable map with legend authenticated by the representative of DFO (Territorial) and Project Authority.	Yes
5	Upload KML file of the forest land to be diverted under the project. KML of Non - Forest Land (NFL) in different shade to be uploaded, if necessary.	Yes
6	Upload Geo-reference map showing GPS Coordinates of the forest land proposed for diversion	Yes
7	Upload Justification for locating the project on forest land.	Yes
8	Upload original copy of the communication addressed to the concerned Deputy Commissioner for recognition and vesting of forest rights in accordance with the provisions of the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007) for the entire forest land indicated in the proposal.	Yes
9	Additional documents:	
	i) Brief Project Note (covering the main features of the proposal, particularly, its implication on environment/forest and mitigation measures like construction of retaining/breast walls and number of people to be benefited from the project)	Yes
	ii) Approval of the project by the competent authority.	Yes


Divisional Forest Officer
 Billawar Forest Division
 Billawar

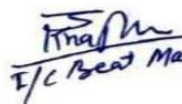

 J.E

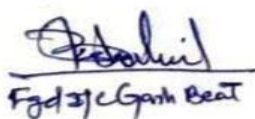
User Agency


Executive Engineer
PMGSY Division
Ramnagar

REVISED JOINT INSPECTION REPORT

1	Name of Project	Construction of Road from Garh Samna Banj to Marila Rajundi under PMGSY.
2	Name and Designation of the Team Leader of Forest Department	Sh. Sanjeev Kumar Khajuria. R.O Ramkot, Forest Division Billawar
3	Name and Designation of the Team Leader of User Agency	Sh. Hanif Mansotra, Junior Engineer, PMGSY Division Billawar
4	Date of Joint inspection	13-07-20
5	Forest Land Coming in the alignment	1.4575 Ha.
6	Whether alternate alignment involving No/Minimum Land is available.	Nil
7	Detail of Project	As given in annexure in Rule-6 (Enclosed)


E/c Beat Marla

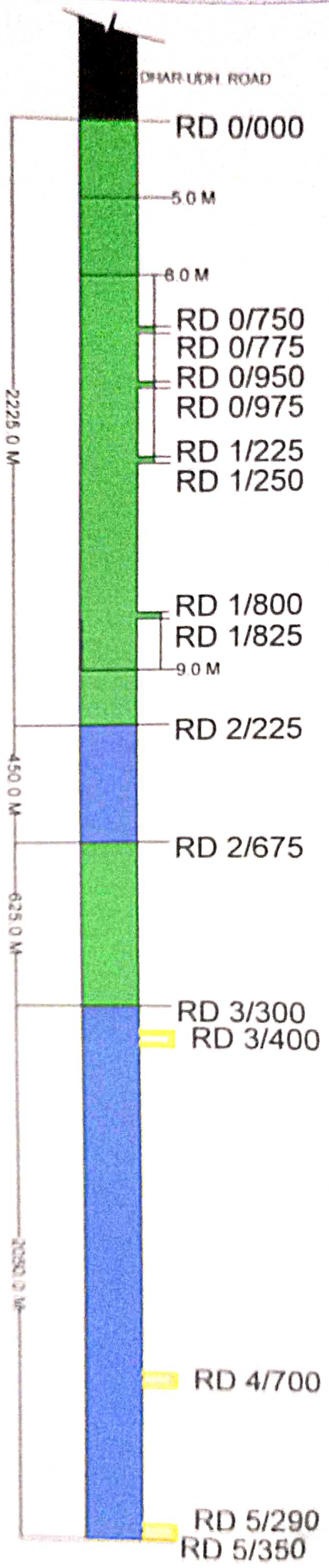

Fzd 3/C Garh Beat


Executive Engineer
P.M.G.S.Y. Division
Ramnagar


Assistant Executive Engineer
PMGSY Sub Div. Majalta


Range Forest Officer
Ramkot Forest Range
Nagrota Guiroo

LAYOUT PLAN FOR CONSTRUCTION OF PMGSY ROAD FROM GARH SAMANABANJ TO MARILA RAJUNDI UNDER PACKAGE NO. JK14-394, LENGTH = 5.350 KM BLOCK DUDU, DISTRICT UDHAMPUR.



FOREST AREA DETAILS

1= RD 0/000	TO	0/750	750M X 5M
2= RD 0/750	TO	0/775 (curve)	25M X 8M
3= RD 0/775	TO	0/950	175M X 5M
4= RD 0/950	TO	0/975 (curve)	25M X 8M
5= RD 0/975	TO	1/225	250M X 5M
6= RD 1/225	TO	1/250 (curve)	25M X 8M
7= RD 1/250	TO	1/800	650M X 5M
8= RD 1/800	TO	1/825 (curve)	25M X 9M
9= RD 1/825	TO	2/225	400M X 5M
10= RD 2/675	TO	3/300	625M X 5M
TOTAL			

LENGTH X WIDTH

AREA

3750 M ²	200 M ²	875 M ²	200 M ²	1250 M ²	200 M ²	2750 M ²	225 M ²	2000 M ²	3125 M ²	14575 M ²
OR 14575 M ²										

Executive Engineer
PMGSY Division
Rajmangarh

LEGEND

1	FOREST LAND	
2	PRIVATE LAND	
3	DUMPING SITE	
4	OTHER ROAD	

Divisional Forest Officer
Bhawanipal Road Division
Bilaspur

Full Title of the Project: Road from Garhsamnabanj to Marila Rajundi

File No. FP/JK/ROAD/45525/2020

Date of Proposal 24/05/2020

UNDERTAKING FOR PAYMENT OF ADDITIONAL NET PRESENT VALUE OF FOREST AREA

It is to certify that I/we Executive Engineer PMGSY Division Ramnagar have applied for diversion of 1.4575 ha. of forest area for the purpose of Construction of road from Garhsamnabanj to Marila Rajundi I/We hereby undertake to pay the amount of additional Net Present Value (NPV) of the above forest land, if so determined as per the decision of the Hon'ble Supreme Court.

Place: Ramnagar

Date: 29/03/2021

Signature of the User Agency

Executive Engineer
Office Seal
PMGSY Division
Ramnagar

Counter signed by

Divisional Forest Officer
Divisional Forest Officer
Billawar Forest Division
Billawar
Billawar

Enumeration List of trees coming in the road alignment from Garh Samna Banj to Marila Rajundi Comptt. no. 20a/Rkt of Ramkot Forest
Range of Billawar Forest Division.

S.No./Tree No.		Comptt. No.	Local Name	Scientific Name	Girth(in Ft.-Inch)	Girth class(cms)	Dia- Class	Remarks
1		20a/Rkt	Chir green	Pinus roxburghii	6-1	181-210	50-60	RD 0/0 Km starts and ends through Forest at RD 0/750
2		20a/Rkt	Chir green	Pinus roxburghii	4-6	121-150	40-50	
3		20a/Rkt	Chir green	Pinus roxburghii	6-2	181-210	50-60	
4		20a/Rkt	Chir green	Pinus roxburghii	6-5	181-210	60-70	
5		20a/Rkt	Chir green	Pinus roxburghii	4-10	121-150	40-50	
6		20a/Rkt	Chir green	Pinus roxburghii	4-5	121-150	40-50	
7		20a/Rkt	Chir green	Pinus roxburghii	3-3	91-120	30-40	
8		20a/Rkt	Chir green	Pinus roxburghii	2-3	61-90	20-30	
9		20a/Rkt	Chir green	Pinus roxburghii	2-5	61-90	20-30	
10		20a/Rkt	Chir green	Pinus roxburghii	2-2	61-90	20-30	
11		20a/Rkt	Chir green	Pinus roxburghii	1-9	31-60	10-20	
12		20a/Rkt	Kainth green	Pyrus pashia	2	61-90	10-20	
13		20a/Rkt	Chir green	Pinus roxburghii	2-10	61-90	20-30	
14		20a/Rkt	Chir green	Pinus roxburghii	13-2	391-420	120-130	
15		20a/Rkt	Chir green	Pinus roxburghii	4-10	121-150	40-50	
16		20a/Rkt	Chir green	Pinus roxburghii	4-9	121-150	40-50	
17		20a/Rkt	Chir green	Pinus roxburghii	4-6	121-150	40-50	
18		20a/Rkt	Chir green	Pinus roxburghii	2-6	61-90	20-30	
19		20a/Rkt	Chir green	Pinus roxburghii	4-10	121-150	40-50	
20		20a/Rkt	Chir green	Pinus roxburghii	6-2	181-210	50-60	
21		20a/Rkt	Chir green	Pinus roxburghii	4-5	121-150	40-50	
22		20a/Rkt	Chir green	Pinus roxburghii	4-3	121-150	40-50	
23		20a/Rkt	Chir green	Pinus roxburghii	5-7	151-180	50-60	
24		20a/Rkt	Chir green	Pinus roxburghii	1-10	31-60	10-20	
25		20a/Rkt	Chir green	Pinus roxburghii	2-3	61-90	20-30	
26		20a/Rkt	Chir green	Pinus roxburghii	3-4	91-120	30-40	
27		20a/Rkt	Chir green	Pinus roxburghii	6-1	181-210	50-60	
28		20a/Rkt	Chir green	Pinus roxburghii	3-5	91-120	30-40	
29		20a/Rkt	Chir green	Pinus roxburghii	2-10	61-90	20-30	
30		20a/Rkt	Chir green	Pinus roxburghii	5	151-180	40-50	
31		20a/Rkt	Chir green	Pinus roxburghii	2-1	61-90	20-30	
32		20a/Rkt	Chir green	Pinus roxburghii	5-6	151-180	50-60	
33		20a/Rkt	Chir green	Pinus roxburghii	3-2	91-120	30-40	
34		20a/Rkt	Chir green	Pinus roxburghii	5-6	151-180	50-60	

35		20a/Rkt	Chir green	Pinus roxburghii	6-7	181-210	60-70	
36		20a/Rkt	Chir green	Pinus roxburghii	5-6	151-180	50-60	
37		20a/Rkt	Chir green	Pinus roxburghii	3-8	91-120	30-40	
38		20a/Rkt	Chir green	Pinus roxburghii	6-5	181-210	60-70	
39		20a/Rkt	Chir green	Pinus roxburghii	4-1	121-150	30-40	
40		20a/Rkt	Chir green	Pinus roxburghii	4-6	121-150	40-50	
41		20a/Rkt	Chir green	Pinus roxburghii	2-4	61-90	20-30	
42		20a/Rkt	Chir green	Pinus roxburghii	4-2	121-150	40-50	
43		20a/Rkt	Chir green	Pinus roxburghii	4-10	121-150	40-50	
44		20a/Rkt	Chir green	Pinus roxburghii	3-11	91-120	30-40	
45		20a/Rkt	Chir green	Pinus roxburghii	1-11	31-60	10-20	
46		20a/Rkt	Chir green	Pinus roxburghii	3-10	91-120	30-40	
47		20a/Rkt	Chir green	Pinus roxburghii	2-2	61-90	20-30	
48		20a/Rkt	Chir green	Pinus roxburghii	5-11	151-180	50-60	
49		20a/Rkt	Chir green	Pinus roxburghii	4-9	121-150	40-50	
50		20a/Rkt	Chir green	Pinus roxburghii	6-6	181-210	60-70	
51		20a/Rkt	Chir green	Pinus roxburghii	6	181-210	50-60	
52		20a/Rkt	Chir green	Pinus roxburghii	5-2	151-180	50-60	
53		20a/Rkt	Chir green	Pinus roxburghii	3-11	91-120	30-40	
54		20a/Rkt	Chir green	Pinus roxburghii	3-5	91-120	30-40	
55		20a/Rkt	Chir green	Pinus roxburghii	4	121-150	30-40	
56		20a/Rkt	Chir green	Pinus roxburghii	5-8	151-180	50-60	
57		20a/Rkt	Chir green	Pinus roxburghii	6-4	181-210	60-70	
58		20a/Rkt	Chir green	Pinus roxburghii	4	121-150	30-40	
59		20a/Rkt	Chir green	Pinus roxburghii	5-2	151-180	50-60	
60		20a/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
61		20a/Rkt	Chir green	Pinus roxburghii	5-5	151-180	40-50	
62		20a/Rkt	Chir green	Pinus roxburghii	4-11	121-150	40-50	RD 02/950 again starts and ends through Forest at 3/275
63		20a/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
64		20a/Rkt	Chir green	Pinus roxburghii	5-1	151-180	40-50	
65		20a/Rkt	Chir green	Pinus roxburghii	5-2	151-180	50-60	
66		20a/Rkt	Chir green	Pinus roxburghii	2-2	61-90	20-30	
67		20a/Rkt	Chir green	Pinus roxburghii	1-9	31-60	10-20	
68		20a/Rkt	Chir green	Pinus roxburghii	4	121-150	30-40	

Sapling of various species are marked as "x" having girth at breast height less than 12" dia-class 0-12

Enumeration List of trees coming in the road alignment from Garh Samna Banj to Marila Rajundi Comptt. no. 22/Rkt of Ramkot Forest
Range of Billawar Forest Division.

S.No./Tree No.		Comptt. No.	Local Name	Scientific Name	Girth(in Ft.-Inch)	Girth class(cms)	Dia- Class	Remarks
1		22/Rkt	Chir green	Pinus roxburghii	4-8	121-150	40-50	RD 0/750 Starts & ends through Forest at RD no.2/225
2		22/Rkt	Chir green	Pinus roxburghii	3-11	91-120	30-40	
3		22/Rkt	Chir green	Pinus roxburghii	4-2	121-150	40-50	
4		22/Rkt	Chir green	Pinus roxburghii	3-3	91-120	30-40	
5		22/Rkt	Chir green	Pinus roxburghii	2-3	61-90	20-30	RD 2/675 starts in Forest & ends through forest at RD no.3/300
6		22/Rkt	Chir green	Pinus roxburghii	4-3	121-150	40-50	
7		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
8		22/Rkt	Chir green	Pinus roxburghii	3-10	91-120	30-40	
9		22/Rkt	Chir green	Pinus roxburghii	2-7	61-90	20-30	
10		22/Rkt	Chir green	Pinus roxburghii	4-2	121-150	40-50	
11		22/Rkt	Chir green	Pinus roxburghii	3-8	91-120	30-40	
12		22/Rkt	Chir green	Pinus roxburghii	3-5	91-120	30-40	
13		22/Rkt	Chir green	Pinus roxburghii	3-6	91-120	30-40	
14		22/Rkt	Chir green	Pinus roxburghii	4-10	121-150	40-50	
15		22/Rkt	Chir green	Pinus roxburghii	2-8	61-90	20-30	
16		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
17		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
18		22/Rkt	Chir green	Pinus roxburghii	2-6	61-90	20-30	
19		22/Rkt	Chir green	Pinus roxburghii	3-2	91-120	30-40	
20		22/Rkt	Chir green	Pinus roxburghii	3-4	91-120	30-40	
21		22/Rkt	Chir green	Pinus roxburghii	2-6	61-90	20-30	
22		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
23		22/Rkt	Chir green	Pinus roxburghii	2-8	61-90	20-30	
24		22/Rkt	Chir green	Pinus roxburghii	2-1	61-90	20-30	
25		22/Rkt	Chir green	Pinus roxburghii	3-7	91-120	30-40	
26		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
27		22/Rkt	Chir green	Pinus roxburghii	2-11	61-90	20-30	
28		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
29		22/Rkt	Chir green	Pinus roxburghii	2-6	61-90	20-30	
30		22/Rkt	Chir green	Pinus roxburghii	2-3	61-90	20-30	
31		22/Rkt	Chir green	Pinus roxburghii	2-5	61-90	20-30	
32		22/Rkt	Chir green	Pinus roxburghii	2-8	61-90	20-30	
33		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	

34		22/Rkt	Chir green	Pinus roxburghii	3-1	91-120	20-30	
35		22/Rkt	Chir green	Pinus roxburghii	3-1	91-120	20-30	
36		22/Rkt	Chir green	Pinus roxburghii	2-4	61-90	20-30	
37		22/Rkt	Chir green	Pinus roxburghii	1-7	31-60	10-20	
38		22/Rkt	Chir green	Pinus roxburghii	4	121-150	30-40	
39		22/Rkt	Chir green	Pinus roxburghii	4-2	121-150	30-40	
40		22/Rkt	Chir green	Pinus roxburghii	3-7	91-120	30-40	
41		22/Rkt	Chir green	Pinus roxburghii	2-8	61-90	20-30	
42		22/Rkt	Chir green	Pinus roxburghii	5-10	151-180	50-60	
43		22/Rkt	Chir green	Pinus roxburghii	1-6	31-60	10-20	
44		22/Rkt	Chir green	Pinus roxburghii	3-8	91-120	30-40	
45		22/Rkt	Chir green	Pinus roxburghii	4-2	121-150	40-50	
46		22/Rkt	Chir green	Pinus roxburghii	3-2	91-120	30-40	
47		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
48		22/Rkt	Chir green	Pinus roxburghii	2-5	61-90	20-30	
49		22/Rkt	Chir green	Pinus roxburghii	4-2	121-150	40-50	
50		22/Rkt	Chir green	Pinus roxburghii	1-8	31-60	10-20	
51		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
52		22/Rkt	Chir green	Pinus roxburghii	1-7	31-60	10-20	
53		22/Rkt	Chir green	Pinus roxburghii	2-7	61-90	20-30	
54		22/Rkt	Chir green	Pinus roxburghii	2-10	61-90	20-30	
55		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
56		22/Rkt	Chir green	Pinus roxburghii	1-10	31-60	10-20	
57		22/Rkt	Chir green	Pinus roxburghii	3-1	91-120	20-30	
58		22/Rkt	Chir green	Pinus roxburghii	6-7	181-210	60-70	
59		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
60		22/Rkt	Chir green	Pinus roxburghii	2-1	61-90	20-30	
61		22/Rkt	Chir green	Pinus roxburghii	2-2	61-90	20-30	
62		22/Rkt	Chir green	Pinus roxburghii	3-9	91-120	30-40	
63		22/Rkt	Chir green	Pinus roxburghii	3-2	91-120	30-40	
64		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
65		22/Rkt	Chir green	Pinus roxburghii	3-10	91-120	30-40	
66		22/Rkt	Chir green	Pinus roxburghii	2-5	61-90	20-30	
67		22/Rkt	Chir green	Pinus roxburghii	2-6	61-90	20-30	
68		22/Rkt	Chir green	Pinus roxburghii	3-7	91-120	30-40	
69		22/Rkt	Chir green	Pinus roxburghii	4-4	121-150	40-50	
70		22/Rkt	Chir green	Pinus roxburghii	2-6	61-90	20-30	
71		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
72		22/Rkt	Chir green	Pinus roxburghii	4-3	121-150	40-50	

73		22/Rkt	Chir green	Pinus roxburghii	2-10	61-90	20-30	
74		22/Rkt	Chir green	Pinus roxburghii	4-2	121-150	40-50	
75		22/Rkt	Chir green	Pinus roxburghii	3-10	91-120	30-40	
76		22/Rkt	Chir green	Pinus roxburghii	2-5	61-90	20-30	
77		22/Rkt	Chir green	Pinus roxburghii	3-10	91-120	30-40	
78		22/Rkt	Chir green	Pinus roxburghii	4-3	121-150	40-50	
79		22/Rkt	Chir green	Pinus roxburghii	3-11	91-120	30-40	
80		22/Rkt	Chir green	Pinus roxburghii	2-7	61-90	20-30	
81		22/Rkt	Chir green	Pinus roxburghii	2-2	61-90	20-30	
82		22/Rkt	Chir green	Pinus roxburghii	3-8	91-120	30-40	
83		22/Rkt	Chir green	Pinus roxburghii	5-2	151-180	50-60	
84		22/Rkt	Chir green	Pinus roxburghii	5-2	151-180	50-60	
85		22/Rkt	Chir green	Pinus roxburghii	3-10	91-120	30-40	
86		22/Rkt	Chir green	Pinus roxburghii	2-10	61-90	20-30	
87		22/Rkt	Chir green	Pinus roxburghii	2-2	61-90	20-30	
88		22/Rkt	Chir green	Pinus roxburghii	2-6	61-90	20-30	
89		22/Rkt	Chir green	Pinus roxburghii	7-6	211-240	70-80	
90		22/Rkt	Chir green	Pinus roxburghii	7-4	211-240	70-80	
91		22/Rkt	Chir green	Pinus roxburghii	2-10	61-90	20-30	
92		22/Rkt	Chir green	Pinus roxburghii	6	181-210	50-60	
93		22/Rkt	Chir green	Pinus roxburghii	6-7	181-210	60-70	
94		22/Rkt	Chir green	Pinus roxburghii	2-4	61-90	20-30	
95		22/Rkt	Chir green	Pinus roxburghii	2-3	61-90	20-30	
96		22/Rkt	Chir green	Pinus roxburghii	4-6	121-150	40-50	
97		22/Rkt	Chir green	Pinus roxburghii	4-2	121-150	40-50	
98		22/Rkt	Chir green	Pinus roxburghii	1-5	31-60	10-20	
99		22/Rkt	Chir green	Pinus roxburghii	4	121-150	30-40	
100		22/Rkt	Chir green	Pinus roxburghii	6-5	181-210	60-70	
101		22/Rkt	Chir green	Pinus roxburghii	4-10	121-150	40-50	
102		22/Rkt	Chir green	Pinus roxburghii	1-10	31-60	10-20	
103		22/Rkt	Chir green	Pinus roxburghii	3-10	91-120	30-40	
104		22/Rkt	Chir green	Pinus roxburghii	1-8	31-60	10-20	
105		22/Rkt	Chir green	Pinus roxburghii	3-4	91-120	30-40	
106		22/Rkt	Chir green	Pinus roxburghii	8-5	241-270	80-90	
107		22/Rkt	Chir green	Pinus roxburghii	1-9	31-60	10-20	
108		22/Rkt	Chir green	Pinus roxburghii	5-7	151-180	50-60	
109		22/Rkt	Kainth green	Pyrus pashia	3	91-120	20-30	
110		22/Rkt	Chir green	Pinus roxburghii	7-6	211-240	70-80	
111		22/Rkt	Kainth green	Pyrus pashia	2-2	61-90	20-30	

112		22/Rkt	Kainth green	Pyrus pashia	1-11	31-60	10-20	
113		22/Rkt	Chir green	Pinus roxburghii	8-8	261-290	80-90	
114		22/Rkt	Kainth green	Pyrus pashia	1-11	31-60	10-20	
115		22/Rkt	Chir green	Pinus roxburghii	7-6	211-240	70-80	
116		22/Rkt	Chir green	Pinus roxburghii	7-6	211-240	70-80	
117		22/Rkt	Chir green	Pinus roxburghii	7-11	211-240	70-80	
118		22/Rkt	Kainth green	Pyrus pashia	2-6	61-90	20-30	
119		22/Rkt	Chir green	Pinus roxburghii	4-6	121-150	40-50	
120		22/Rkt	Chir green	Pinus roxburghii	6-5	181-210	60-70	
121		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
122		22/Rkt	Chir green	Pinus roxburghii	2-1	61-90	20-30	
123		22/Rkt	Chir green	Pinus roxburghii	4	121-150	30-40	
124		22/Rkt	Chir green	Pinus roxburghii	7-2	211-240	70-80	
125		22/Rkt	Kamila	Malotus philippensis	2-5	61-90	20-30	
126		22/Rkt	Kainth green	Pyrus pashia	1-10	31-60	10-20	
127		22/Rkt	Prag green	Alnus nitida	4-5	121-150	40-50	
128		22/Rkt	Kainth green	Pyrus pashia	2-5	61-90	20-30	
129		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
130		22/Rkt	Chir green	Pinus roxburghii	2-3	61-90	20-30	
131		22/Rkt	Chir green	Pinus roxburghii	7-3	211-240	70-80	
132		22/Rkt	Chir green	Pinus roxburghii	2-7	61-90	20-30	
133		22/Rkt	Chir green	Pinus roxburghii	2-3	61-90	20-30	
134		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
135		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
136		22/Rkt	Chir green	Pinus roxburghii	2-6	61-90	20-30	
137		22/Rkt	Chir green	Pinus roxburghii	2-4	61-90	20-30	
138		22/Rkt	Chir green	Pinus roxburghii	2-9	61-90	20-30	
139		22/Rkt	Chir green	Pinus roxburghii	2-8	61-90	20-30	
140		22/Rkt	Chir green	Pinus roxburghii	2-11	61-90	20-30	
141		22/Rkt	Chir green	Pinus roxburghii	2-7	61-90	20-30	
142		22/Rkt	Pansar green	Wendlandia heynei	2-5	61-90	20-30	
143		22/Rkt	Chir green	Pinus roxburghii	8-2	241-270	80-90	
144		22/Rkt	Pansar green	Wendlandia heynei	2-5	61-90	20-30	
145		22/Rkt	Pansar green	Wendlandia heynei	2-4	61-90	20-30	
146		22/Rkt	Chir green	Pinus roxburghii	4	121-150	30-40	
147		22/Rkt	Pansar green	Wendlandia heynei	2	61-90	10-20	
148		22/Rkt	Chir green	Pinus roxburghii	2-1	61-90	20-30	
149		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
150		22/Rkt	Chir green	Pinus roxburghii	4-10	121-150	40-50	

151		22/Rkt	Chir green	Pinus roxburghii	3-9	91-120	30-40	
152		22/Rkt	Chir green	Pinus roxburghii	3-2	91-120	30-40	
153		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
154		22/Rkt	Chir green	Pinus roxburghii	4-4	121-150	40-50	
155		22/Rkt	Chir green	Pinus roxburghii	5-9	151-180	50-60	
156		22/Rkt	Chir green	Pinus roxburghii	2-7	61-90	20-30	
157		22/Rkt	Chir green	Pinus roxburghii	3-7	91-120	30-40	
158		22/Rkt	Chir green	Pinus roxburghii	3-3	91-120	30-40	
159		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
160		22/Rkt	Chir green	Pinus roxburghii	3-6	91-120	30-40	
161		22/Rkt	Chir green	Pinus roxburghii	2-3	61-90	20-30	
162		22/Rkt	Chir green	Pinus roxburghii	3-7	91-120	30-40	
163		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
164		22/Rkt	Chir green	Pinus roxburghii	2-10	61-90	20-30	
165		22/Rkt	Chir green	Pinus roxburghii	3-6	91-120	30-40	
166		22/Rkt	Chir green	Pinus roxburghii	5-10	151-180	50-60	
167		22/Rkt	Chir green	Pinus roxburghii	3-5	91-120	30-40	
168		22/Rkt	Chir green	Pinus roxburghii	6-5	181-210	60-70	
169		22/Rkt	Chir green	Pinus roxburghii	2-4	61-90	20-30	
170		22/Rkt	Chir green	Pinus roxburghii	3-10	91-120	30-40	
171		22/Rkt	Chir green	Pinus roxburghii	6-1	181-210	50-60	
172		22/Rkt	Chir green	Pinus roxburghii	2-3	61-90	20-30	
173		22/Rkt	Chir green	Pinus roxburghii	9	271-300	80-90	
174		22/Rkt	Chir green	Pinus roxburghii	3-9	91-120	30-40	
175		22/Rkt	Chir green	Pinus roxburghii	7-4	211-240	70-80	
176		22/Rkt	Chir green	Pinus roxburghii	3-7	91-120	30-40	
177		22/Rkt	Chir green	Pinus roxburghii	2-4	61-90	20-30	
178		22/Rkt	Pansar green	Wendlandia heynei	2-1	61-90	20-30	
179		22/Rkt	Chir green	Pinus roxburghii	2-3	61-90	20-30	
180		22/Rkt	Chir green	Pinus roxburghii	3-8	91-120	30-40	
181		22/Rkt	Chir green	Pinus roxburghii	5-3	151-180	50-60	
182		22/Rkt	Chir green	Pinus roxburghii	3-7	91-120	30-40	
183		22/Rkt	Chir green	Pinus roxburghii	2-5	61-90	20-30	
184		22/Rkt	Chir green	Pinus roxburghii	4-10	121-150	40-50	
185		22/Rkt	Chir green	Pinus roxburghii	3-5	91-120	30-40	
186		22/Rkt	Chir green	Pinus roxburghii	2-8	61-90	20-30	
187		22/Rkt	Chir green	Pinus roxburghii	6-4	181-210	60-70	
188		22/Rkt	Chir green	Pinus roxburghii	7-6	211-240	70-80	
189		22/Rkt	Chir green	Pinus roxburghii	2-6	61-90	20-30	

190		22/Rkt	Chir green	Pinus roxburghii	2-3	61-90	20-30	
191		22/Rkt	Chir green	Pinus roxburghii	3-2	91-120	30-40	
192		22/Rkt	Kainth green	Pyrus pashia	2-1	61-90	20-30	
193		22/Rkt	Chir green	Pinus roxburghii	4-4	121-150	40-50	
194		22/Rkt	Chir green	Pinus roxburghii	5-7	151-180	50-60	
195		22/Rkt	Chir green	Pinus roxburghii	7-5	211-240	70-80	
196		22/Rkt	Kainth green	Pyrus pashia	2-6	61-90	20-30	
197		22/Rkt	Kainth green	Pyrus pashia	2	61-90	10-20	
198		22/Rkt	Chir green	Pinus roxburghii	5-9	151-180	50-60	
199		22/Rkt	Kainth green	Pyrus pashia	1-10	31-60	10-20	
200		22/Rkt	Kainth green	Pyrus pashia	2-8	61-90	20-30	
201		22/Rkt	Chir green	Pinus roxburghii	4	121-150	30-40	
202		22/Rkt	Chir green	Pinus roxburghii	2-7	61-90	20-30	
203		22/Rkt	Chir green	Pinus roxburghii	2-8	61-90	20-30	
204		22/Rkt	Chir green	Pinus roxburghii	4-2	121-150	40-50	
205		22/Rkt	Chir green	Pinus roxburghii	5-3	151-180	50-60	
206		22/Rkt	Chir green	Pinus roxburghii	4	121-150	30-40	
207		22/Rkt	Chir green	Pinus roxburghii	2-10	61-90	20-30	
208		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
209		22/Rkt	Chir green	Pinus roxburghii	2-1	61-90	20-30	
210		22/Rkt	Chir green	Pinus roxburghii	4-2	121-150	40-50	
211		22/Rkt	Chir green	Pinus roxburghii	1-10	31-60	10-20	
212		22/Rkt	Chir green	Pinus roxburghii	3-11	91-120	30-40	
213		22/Rkt	Chir green	Pinus roxburghii	1-7	31-60	10-20	
214		22/Rkt	Chir green	Pinus roxburghii	1-8	31-60	10-20	
215		22/Rkt	Chir green	Pinus roxburghii	4-3	121-150	40-50	
216		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
217		22/Rkt	Chir green	Pinus roxburghii	1-8	31-60	10-20	
218		22/Rkt	Chir green	Pinus roxburghii	3-3	91-120	30-40	
219		22/Rkt	Chir green	Pinus roxburghii	4-8	121-150	40-50	
220		22/Rkt	Chir green	Pinus roxburghii	5-7	151-180	50-60	
221		22/Rkt	Chir green	Pinus roxburghii	5-6	151-180	50-60	
222		22/Rkt	Chir green	Pinus roxburghii	1-9	31-60	10-20	
223		22/Rkt	Chir green	Pinus roxburghii	5-8	151-180	50-60	
224		22/Rkt	Chir green	Pinus roxburghii	4-8	121-150	40-50	
225		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
226		22/Rkt	Chir green	Pinus roxburghii	4-10	121-150	40-50	
227		22/Rkt	Chir green	Pinus roxburghii	4-2	121-150	40-50	
228		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	

229		22/Rkt	Chir green	Pinus roxburghii	2	61-90	10-20	
230		22/Rkt	Chir green	Pinus roxburghii	4	121-150	30-40	
231		22/Rkt	Chir green	Pinus roxburghii	3-9	91-120	30-40	
232		22/Rkt	Chir green	Pinus roxburghii	3-7	91-120	30-40	
233		22/Rkt	Chir green	Pinus roxburghii	4-2	121-150	40-50	
234		22/Rkt	Chir green	Pinus roxburghii	2-1	61-90	20-30	
235		22/Rkt	Chir green	Pinus roxburghii	4-7	121-150	40-50	
236		22/Rkt	Chir green	Pinus roxburghii	3-4	91-120	30-40	
237		22/Rkt	Chir green	Pinus roxburghii	2-11	61-90	20-30	
238		22/Rkt	Chir green	Pinus roxburghii	3-10	91-120	30-40	
239		22/Rkt	Chir green	Pinus roxburghii	1-8	31-60	10-20	
240		22/Rkt	Chir green	Pinus roxburghii	3-6	91-120	30-40	
241		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
242		22/Rkt	Chir green	Pinus roxburghii	2-4	61-90	20-30	
243		22/Rkt	Chir green	Pinus roxburghii	3	91-120	20-30	
244		22/Rkt	Chir green	Pinus roxburghii	4	121-150	30-40	
245		22/Rkt	Chir green	Pinus roxburghii	2-5	61-90	20-30	
246		22/Rkt	Chir green	Pinus roxburghii	2-7	61-90	20-30	
247		22/Rkt	Chir green	Pinus roxburghii	4-3	121-150	40-50	
248		22/Rkt	Chir green	Pinus roxburghii	1-8	31-60	10-20	
249		22/Rkt	Chir green	Pinus roxburghii	4-3	121-150	40-50	
250		22/Rkt	Chir green	Pinus roxburghii	2-2	61-90	20-30	
251		22/Rkt	Chir green	Pinus roxburghii	4-1	121-150	30-40	
252		22/Rkt	Chir green	Pinus roxburghii	4-6	121-150	40-50	
253		22/Rkt	Chir green	Pinus roxburghii	10-9	321-350	100-110	
254		22/Rkt	Chir green	Pinus roxburghii	3-10	91-120	30-40	
255		22/Rkt	Chir green	Pinus roxburghii	5	151-180	40-50	
256		22/Rkt	Chir green	Pinus roxburghii	12-8	361-390	120-130	

Sapling of various species are marked as "x" having girth at breast height less than 12" dia-class 0-12

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T/c Beat Marti Pa

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Fgd 3/c Gash Beat

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Range Forest Officer
Kamkot Forest Range
Nagrota Guirao

**Revised General abstract of trees (Girth-Class wise) coming under PMGSY Road from Garh Samna Banj to Marila Rajundi of
Ramkot Forest Range of Billawar Forest Division**

Comptt. No	Species	Scientific Name	Girth-class						Total
			0-30 (in cm)	31-60 (in cm)	61-90 (in cm)	91-120 (in cm)	121-150 (in cm)	150 Onwards(in cm)	
20a/Rkt	Chir green	Pinus roxburghii	1	3	12	11	18	23	68
	Kainth green	Pyrus pashia	3	-	1	-	-	-	4
Total			4	3	13	11	18	23	72
22/Rkt	Chir green	Pinus roxburghii	15	16	80	61	41	39	252
	Kainth green	Pyrus pashia	45	4	7	1	-	-	57
	Pansar green	Wendlandia heynei		-	5	-	-	-	5
	Kamila green	Malotus philippensis		-	1	-	-	-	1
	Prag green	Alnus nitida		-	-	-	1	-	1
	Kraingal green	Cassia fistula	1	-	-	-	-	-	1
Total			61	20	93	62	42	39	317
G-Total			65	23	106	73	60	62	389

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F/c Beat Marila

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F/c Beat Garh

[Signature]
Assistant Executive Engineer
PMGSY Sub Div. Majalta

[Signature]
Divisional Forest Officer
Billawar Forest Division
Billawar

[Signature]
Executive Engineer
P.M.G.S.Y. Division
Ramnagar

[Signature]
Range Forest Officer
Ramkot Forest Range
Nagrota Guiroo

Revised NPV Calculation Sheet of Road from Garh Samna Banj to Marila Rajundi in respect of Billawar Forest Division

Sr.No.	Forest Division	Range	Co. No.	Name of the proposed CA work Site	Area (in Ha.)	Eco-Class	Type of Forest	Rate per Ha. (in Rs.)	Total NPV (in Rs.)	Remarks
1	Billawar	Ramkot	20a/Rkt	Road from Garh Samna Banj to Marila	0.5375	V	Sub-tropical Pine Forest	939000	504713	
2			22/Rkt	Rajundi	0.92				863880	
Total					1.4575				1368593	


 Range Forest Officer
 Ramkot Forest Range
 Nagrota Guiroo


 Divisional Forest Officer
 Billawar Forest Division
 Billawar

Revised Cost of trees coming in the Road alignment from Garh Samna Banj to Marila Rajundi in Comptt. No 20a/Rkt & 22/Rkt of Ramkot Forest Range of Billawar Forest Division under PMGSY.

S.No	Species	Scientific Name	Species Class	Nos. & Amount in Rs	Dia-class													Total
					0-10 (in cm)	10-20 (in cm)	20-30 (in cm)	30-40 (in cm)	40-50 (in cm)	50-60 (in cm)	60-70 (in cm)	70-80 (in cm)	80-90 (in cm)	90-100 (in cm)	100-110 (in cm)	110-120 (in cm)	120-130 (in cm)	
1	Chir green	Pinus roxburghii	Conifer	Nos.	16	36	92	69	49	29	11	11	4	0	1	0	2	320
				Amount in Rs	1232	8316	42504	90321	150920	174174	105886	145695	67456	0	20330	0	48052	854886
2	Kainth green	Pyrus pashia	B	Nos.	48	6	7	0	0	0	0	0	0	0	0	0	0	61
				Amount in Rs	20880	9120	23380	0	0	0	0	0	0	0	0	0	0	53380
3	Pansar green	Wendlandia heynei	C	Nos.	0	1	4	0	0	0	0	0	0	0	0	0	0	5
				Amount in Rs	0	570	4560	0	0	0	0	0	0	0	0	0	0	5130
4	Kamila green	Malotus philippensis	C	Nos.	0	0	1	0	0	0	0	0	0	0	0	0	0	1
				Amount in Rs	0	0	1140	0	0	0	0	0	0	0	0	0	0	1140
5	Prag green	Alnus nitida	C	Nos.	0	0	0	0	1	0	0	0	0	0	0	0	0	1
				Amount in Rs	0	0	0	0	3827	0	0	0	0	0	0	0	0	3827
6	Kraingal green	Cassia fistula	B	Nos.	1	0	0	0	0	0	0	0	0	0	0	0	0	1
				Amount in Rs	435	0	0	0	0	0	0	0	0	0	0	0	0	435
Total				Nos.	65	43	104	69	50	29	11	11	4	0	1	0	2	389
				Amount in Rs	22547	18006	71584	90321	154747	174174	105886	145695	67456	0	20330	0	48052	918798

Round off=9.19 Lakhs(Rupees Nine Lakhs ninteen thousand only)

Block Forest Officer
Garh. Block

Range Forest Officer
Ramkot Forest Range
Nagrota Guirao

Divisional Forest Officer
Billawar Forest Division
Billawar

Revised detailed Estimate for Extraction of Timber/Firewood from the Trees coming in the road alignment from Garh Samnabanj to Marila Rajundi under PMGSY passing through Co.20a/Rkt & 22/Rkt of Ramkot Forest Range

S.No.	Particulars	Quantity	Rate (Rs.)	Amount (Rs.)
1	Marking of trees including cleaning the periphery of	389 nos.	9.75/tree	3792.75
2	Felling of 178 Nos. of Chir trees having standard	10330 cft	3.37/cft	34812.1
3	Hand sawing standard size i.e 50% of standard	5165 cft	51.04/cft	263621.6
4	Handling charges after sawing @ 0.55/cft/chain i.e	5165 cft	8.25/cft	42611.25
5	Minor related activities after sawing	5165 cft	0.83/cft	4286.95
6	H/L charges from froset to Kachha loading place up	5165 cft	27.50/cft	142037.5
7	Staking at Kachha loading Place	5165 cft	0.78/cft	4028.7
8	Loading charges at kachha loading place	5165 cft	1.46/cft	7540.9
9	Unloading at TSD Nagrota Gujroo	5165 cft	1.46/cft	7540.9
10	Stacking at TDS Nagrota Gujroo	5165 cft	0.78/cft	4028.7
11	Mechanical transportation of timber from forest to TSD Nagrota Gujroo at LMR through load carrier in 50 trips	5165 cft	1500/trip	75000.00
12	Extraction of firewood from lops and tops of Chir trees and from B/L trees including loading, unloading and stacking at TDS Nagrota Gujroo.	1000 Qtls	139/Qtls	139000.00
13	Mechanical transportation of Fire wood from Forest to TDS Nagrota Gujroo at LMR through load carrier in 85 trips	1000 Qtls	1500/trip	127500.00
14	Miscellaneous charges:- It includes provision for maintenance of road/Bridal path, purchase of stock articles, labour welfare, implements, watch and ward and other uniform charges for extraction of timber as well as Firewood			
	(i) Timber	5165 cft	30/cft	154950.00
	(ii) Firewood	1000 Qtls	L/S	12000.00
	Total			1022751.35

Round off = Rs.10.23 lakhs (Rupees Ten Lakhs Twenty three Thousand only)

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Fgd 37 C Garh Beat

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Executive Engineer
P.M.G.S.Y. Division
Ramnagar

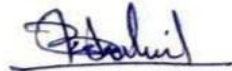
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Range Forest Officer
Ramkot Forest Range
Nagrota Gujroo

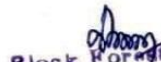
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Block Forest Officer
Garh. Block

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Divisional Forest Officer
Billawar Forest Division
Billawar

REVISED CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that all alternate alignments/locations have been tried and the forest area of 1.4575 Ha. involved in the proposal in unavoidable and barest minimum in the proposed diversion.


Block Forest Officer
Garoh. Block


Block Forest Officer
Garoh. Block


Assistant Executive Engineer
PMGSY Sub Div. Majalla


Executive Engineer
P.M.G.S.Y. Division
Ramnagar


Range Forest Officer
Ramkot Forest Range
Nagrota Guiroo

Place

Date: -.....

Countersigned


Divisional Forest Officer
Billawar Forest Division
Billawar

(A) Net Present Value (NPV): Net Present Value of the forest area coming in road alignment from Garh Samnabanj to Marila Rajundi under PMGSY passing through Co.20a/Rkt & 22/Rkt of Ramkote Forest Range

S.No.	RD's involved in Kms	Length of Road	Width of Road	Area in Ha.	Rate per Ha.	Net Present Value
1	0/0 to 0/750	750m	5m	0.375 Ha	9.39 lakhs	13.68592 Lakhs
2	0/750 to 0/775 (curve)	25m	8m	0.020 Ha		
3	0/775 to 0/950	175m	5m	0.0875 Ha		
4	0/950 to 0/975 (curve)	25m	8m	0.020 Ha		
5	0/975 to 1/225	250m	5m	0.125 Ha		
6	1/225 to 1/250 (curve)	25m	8m	0.020 Ha		
7	1/250 to 1/800	550m	5m	0.275 Ha		
8	1/800 to 1/825 (curve)	25m	9m	0.0225 ha		
9	1/825 to 2/225	400m	5m	0.200 Ha		
10	2/675 to 3/300	625m	5m	0.3125 Ha		
Total				1.4575 Ha	9.39 lakhs	13.68592 lakhs

Round off= 13.686 lakhs (Rupees Thirteen Lakhs Sixty Eight Thousand Six Hundred only)

[Signature]
Block Forest Officer
Garh. Block

[Signature]
Range Forest Officer
Ramkot Forest Range
Nagrota Guirao

CALCULATION SHEET

A) Net present value of forest land coming in road alignment from Garh Samnabanj to Marila Rajundi under PMGSY passing through Co.20a/Rkt & 22/Rkt of Ramkot Range

Length of road	Width of road	Area	Rate per Ha	Net present value
2850 m	5 m	1.4575 Ha	9.39 lakhs	13.686 Lakhs

B) Cost of trees coming in road alignment from Garh Samnabanj to Marila Rajundi under PMGSY passing through Co.20a/Rkt & 22/Rkt of Ramkote Range

Cost of 389 nos. of trees=Rs.9.19 lakhs

C) Extraction cost of Timber and Firewood = Rs.10.23 lakhs

Grand Total=A+B+C=Rs.33.106 lakhs (Rupees Thirty Three Lakhs Ten Thousand and Six Hundred only)

D) Compensatory Afforestation = 2.66789 Lakhs

Grand Total=A+B+C+D=13.686+9.19+10.23+4.953=35.77389 Lakhs

(Rupees Thirty Five Lakhs Seventy Seven Thousand and Three Hundred Eighty Nine only.)


Range Forest Officer
Ramkot Forest Range
Nagrota Guiroo


Divisional Forest Officer
Billawar Forest Division
Billawar



OFFICE OF THE SUPERINTENDING ENGINEER
PMGSY CIRCLE REASI

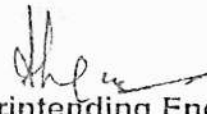
Sub:- Authority Letter

This office authorises Sh. Satish Bhagat Executive Engineer PMGSY Division Ramnagar for online uploading and submission of Forest/Wildlife compensation case of following road under PMGSY:-

1. Construction of Road from Garhsamnabanj to Marila Rajundi.

No:- SE/PMGSY/RI/ 5/53

Dated:- 22-03-2021


Superintending Engineer,
PMGSY Circle,
Reasi.

Copy to the:-

1. Sh. Satish Bhagat Executive Engineer PMGSY Division Ramnagar for information.

9/c
1.

Executive Engineer
PMGSY Division
Ramnagar

BRIEF PROJECT NOTE

NAME OF THE PROJECT :- CONSTRUCTION OF ROAD FROM GARHSAMNABANJ TO MARILA RAJUNDI
LENGTH = 5.350 KM ; PACKAGE NO. :- JK14-394 ; DISTRICT :- UDHAMPUR

The Road project for the Construction of Road from Garhsamnabanj to Marila Rajundi is sanctioned under PMGSY of MORD. The length of the road is 5.350 km. The proposed road takes off from the existing PMGSY road Dhar Road Saniote to Garhsamnabanj. The proposed road will pass through village Marila Rajundi thereby directly connecting habitants of habitation Marila Rajundi with population of 314 souls as per PMGSY-I core network to the main Dhar Road.

The people of these villages will be socially benefitted after the completion of this road. Along the proposed alignment of the road which has been selected keeping in view the fact that maximum benefit reaches the habitants of these villages, forest area is also involved which cannot be avoided as the proposed alignment is the only feasible alignment providing vital connectivity to the habitants.

The proposed road will benefit the economy by providing access to basic services to the habitants. The road will provide access to medical services to the habitants especially to the underprivileged and vulnerable. Health, Sanitation, Water Supply, Agriculture, Education, Banking facilities will also improve and upgrade with the road development.

Mitigation measures by provision of Cross Drainage Works and Protection Works

Drainage Crossings:

- | | | |
|----------------|---|--------|
| 1. HP Culverts | = | 23 No. |
| 2. RCC Culvert | = | 01 No. |
| 3. Scupper | = | 01 No. |

Protection Works:

- | | | |
|--------------|---|---------|
| 1. R/Wall | = | 500 Rmt |
| 2. B/Wall | = | 712 Rmt |
| 3. Edge Wall | = | 535 Rmt |

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Executive Engineer
PMGSY Division
Ramnagar
Executive Engineer
PMGSY Division
Ramnagar

Calculation Sheet for Construction of Road from Garhsamnabanj to Marila Rajundi

a) Total Length of Road = 5.350 KM

b) Forest Area Details of Road:

S No	RD	Length (m)	Width (m)	Area (sqm)
i	0/0 to 0/750	750	5	3750
ii	0/750 to 0/775 (curve)	25	8	200
iii	0/775 to 0/950	175	5	875
iv	0/950 to 0/975 (curve)	25	8	200
v	0/975 to 1/225	250	5	1250
vi	1/225 to 1/250 (curve)	25	8	200
vii	1/250 to 1/800	550	5	2750
viii	1/800 to 1/825 (curve)	25	9	225
ix	1/825 to 2/225	400	5	2000
x	2/675 to 3/300	625	5	3125

Forest area involved in Road= 3750+200+875+200+1250+200+2750+225+2000+3125 = 14575 sqm = 1.4575 ha

c) Muck Dumping Area details involved in forest land :

S No	Particulars	Length (m)	Width (m)	Area (sqm)
i	Dumping Site-1 at RD 0/0 to 0/050	50	40	2000
ii	Dumping Site-2 at RD 0/575 to 0/625	50	40	2000
iii	Dumping Site-3 at RD 1/150 to 1/200	50	25	1250

Forest area involved in Dumping Sites = 2000+2000+1250 = 5250 sqm = 0.525 ha

d) Total Forest Area involved in project = 1.4575 ha + 0.525 ha = 1.9825 ha

e) As required by the Regional Officer, IRO, MoEF&CC, Jammu, the 3 No. muck dumping sites has been moved from Forest Land to Non Forest private land, the details of which are given below :

S No	Particulars	Length (m)	Width (m)	Area (sqm)
i	Dumping Site-1 at RD 3/400	50	35	1750
ii	Dumping Site-2 at RD 4/700	50	35	1750
iii	Dumping Site-3 at RD 5/290	50	35	1750
Total Area				5250 sqm

= 0.525 ha

f) Due to relocation of dumping sites from forest land to non-forest private land, the forest area involved in the project is thereby reduced from 1.9825 ha to 1.4575 ha
Hence the total forest area involved in project = 1.9825 ha - 0.525 ha = 1.4575 ha

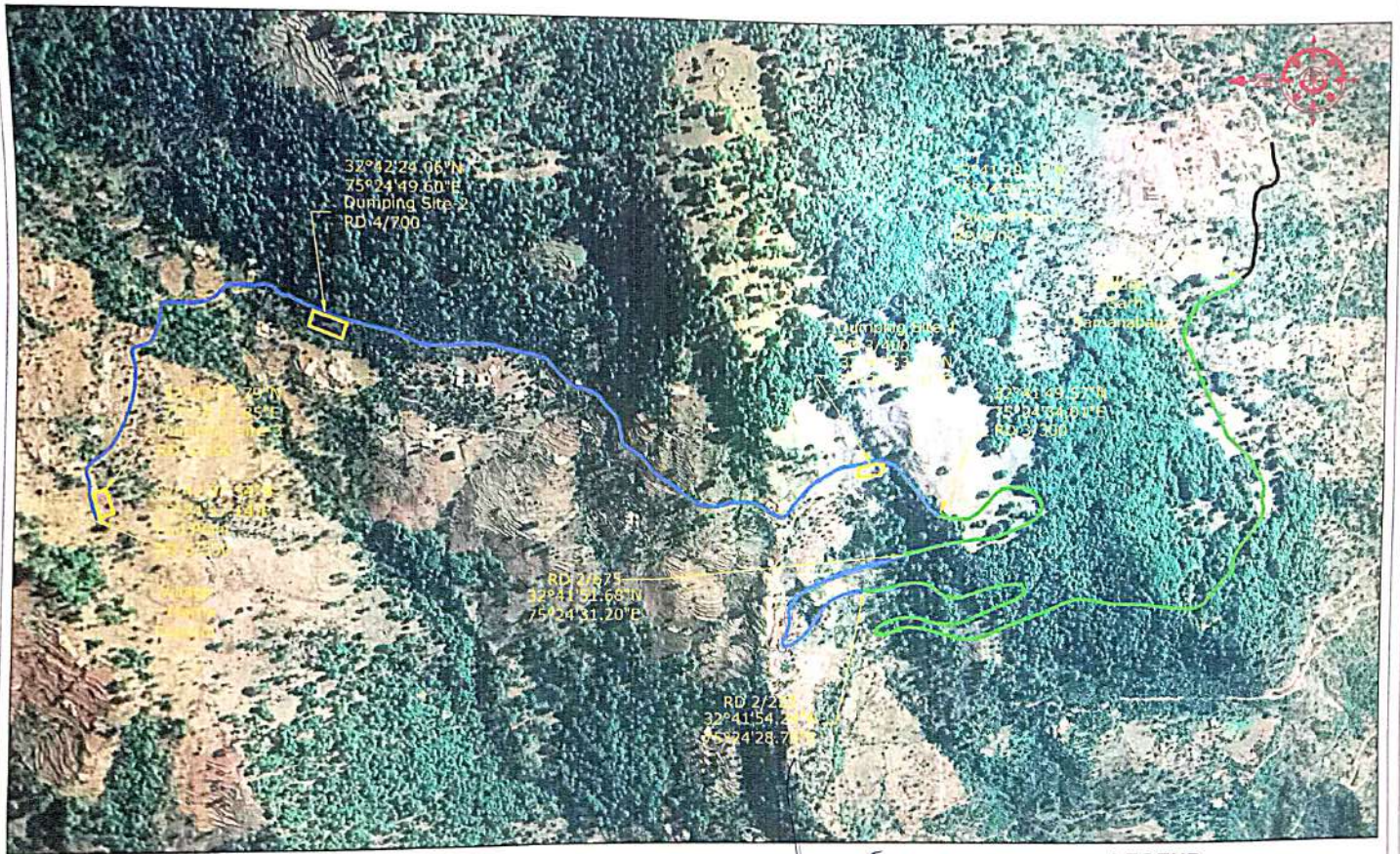
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Executive Engineer
PMGSY Division
Ramnagar
Executive Engineer
PMGSY Division
Ramnagar

c/s


Divisional Forest Officer
Billawar Forest Division
Billawar

**GPS MAP FOR CONSTRUCTION OF PMGSY ROAD FROM GARH SAMANABANJ TO MARILA RAJUNDI
UNDER PACKAGE NO. JK14-394, LENGTH = 5.350 KM BLOCK DUDU, DISTRICT UDHAMPUR.**



[Signature]
Divisional Forest Officer
Forest Division
Bilawar

[Signature]
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Executive Engineer
PMGSY Division

LEGEND:-

1.	FOREST LAND	—
2.	PROPRIETY LAND	—
3.	DUMPING POINT	—
4.	OTHER ROADS	—

Union Territory of Jammu and Kashmir

OFFICE OF THE CHIEF ENGINEER PMGSY JKRRDA JAMMU

Phone No.: 0191-2470284, Fax No.: 0191-2470335

E-mail: cepmgsyjammu@gmail.com

TO WHOM IT MAY CONCERN

The Schemes detailed below of PMGSY Division Ramnagar were sanctioned by Ministry of Rural Development, Government of India as per sanction order mentioned against each scheme and the Government of India's sanction order is to be treated as accord of Administrative Approval. This also takes reference to Finance Department of Union Territory of J&K's S.O. 15 issued under No. A/P5/DC/2019-02 dt. 09.01.2020.

S. No.	Name of Scheme	Package No.	Stage	Phase	Block	Distt.	Length (in Km)	Sanction Cost (in lacs)		MINISTRY OF RURAL DEVELOPMENT DEPARTMENT OF RURAL DEVELOPMENT SANCTIONED No & DATED
								Const. Cost	Maint. Cost	
1	Garhsaminabani to Marila Rajendi	JK14-394	I	X	Dudu	Udh.	5.35	321.30	Nil	No P-17024/10/2014-RC(FMS No 335486) Dated -05-08-2016
2	Sumal to Serial Choa	JK14-402	I	X	Majalla	Udh.	3.23	249.12	Nil	No P-17024/10/2014-RC(FMS No 338486) Dated -05-08-2016
3	Kirchi to Seol Dhar	JK14-408	I	X	Dudu	Udh.	36.23	3194.57	Nil	No P-17024/10/2014-RC(FMS No 338486) Dated -05-08-2016
4	Dhar Road Larey to sumal	JK14-130	I	VII	Majalla	Udh.	3.33	105.23	Nil	No P-17024/10/2009-RC Dated -21.04.2010

No: CEJ/PMGSY/15717
Dated: 18/01/2021

(Er. Manzoor Hussain)
Chief Engineer
PMGSY JKRRDA
Jammu

Copy to the: -
1/ Executive Engineer PMGSY Division Ramnagar for information.

Mailed
18/01/2021

Executive Engineer
PMGSY Division
Ramnagar

Scanned with CamScanner

MUCK DISPOSAL PLAN

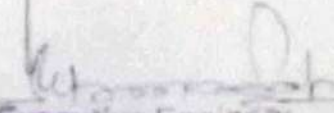
NAME OF THE PROPOSAL : CONSTRUCTION OF ROAD FROM GARHSAMNABANJ TO MARILA RAJUNDI

Proposal No:- FP/JK/ROAD/45525/2020

Date of Proposal:- 24/05/2020

DETAIL OF MUCK/DEBRIS TO BE PRODUCED

S No	Description of Item	Quantity (cum)
1	Total Quantity of muck to be produced from forest land during construction	42328
2	To be used for soling of road, wearing of road and filling behind retaining walls of road (30% soil)	12698
3	To be used locally for construction of road (30% stone)	12698
4	Total Quantity to be used (2+3)	25396
5	Net Quantity to be dumped (1-4)	16932
6	Swell Factor 20%	3386
7	Total Quantity to be dumped (5+6)	20318


Executive Engineer
PMGSY Division
Ramnagar

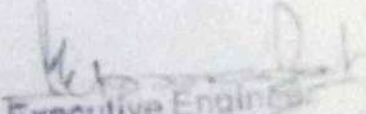
STATEMENT SHOWING DETAIL OF PLACES FOR DISPOSAL OF
MUCK/DEBRIS DUE TO CONSTRUCTION OF ROAD FROM
GARHSAMNABANJ TO MARILA RAJUNDI

S No	Name of Dumping Place	Location of Dumping Place	Slope of Dumping Place	Length(m), Width(m) and Area(sqm) of Dumping Place	Height of Dump expected (m)	Quantity of Muck be Dumped (cum)	Remarks (Area in hectares)
1	Dumping Site-1	3/400	-	50x35=1750	4	7000	0.175
2	Dumping Site-2	4/700	-	50x35=1750	4	7000	0.175
3	Dumping Site-3	5/290	-	50x35=1750	4	7000	0.175
Total				5250		21000	0.525

[Signature]
Executive Engineer
PMGSY Division
Ramnagar

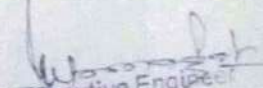
**STATEMENT SHOWING DUMPING QUANTITY OF MUCK/DEBRIS TO BE
DUMPED WITH OTHER DETAIL FOR PROJECT CONSTRUCTION OF
ROAD FROM GARHSAMNABANJ TO MARILA RAJUNDI**

S No	Name of Component from Muck / Debris is to be produced	Total Qty. of Muck/Debris to be produced (cum)	Qty. of Muck/Debris to be utilized locally (cum)	Qty. of Muck/ Debris to be dumped (cum)	Factor of increase in volume for dumping	Qty. of Muck/ Debris to be dumped on the basis of increase(cum)	Name of Dumping Places	Slope of Dumping Place	Location of Dumping Place	Distance of Dumping Place from River	Area of Dumping Place (Ha)	Area of forest land involved in Dumping Place	Height of Muck Dump Expected	Remarks
1	Formation cutting work of forest land	42328	25396	16932	1.20	20318	Dumping Site-1, Dumping Site-2, Dumping Site-3		3/400 4/700 5/190		0.525	Nil	4	

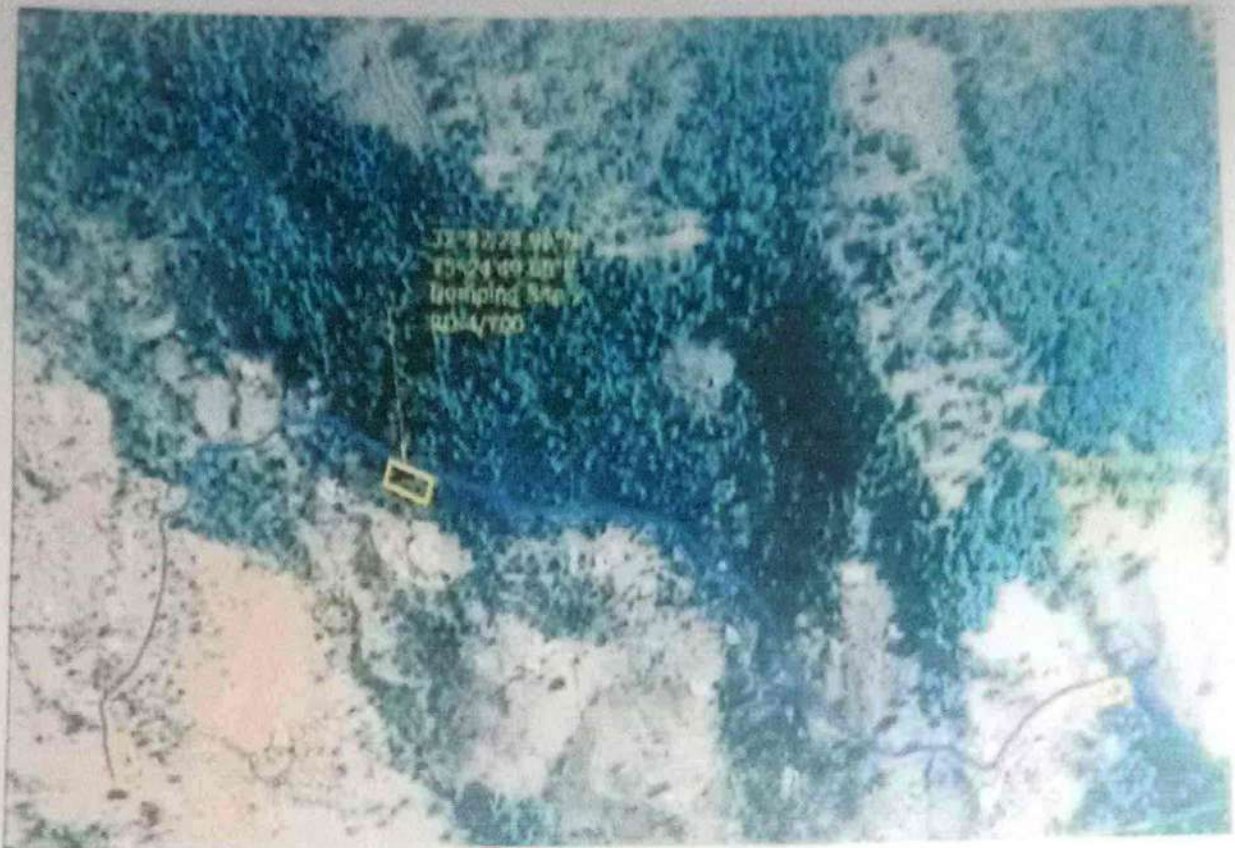

 Executive Engineer
 PMGSY Division
 Ramnagar

STATEMENT SHOWING COMPLETE DETAILS FOR THE CONSTRUCTION OF ROAD FROM GARHSAMNABANI TO MARILA RAJUNDI

S No	RD		Distance in mtr			Width of Right of Way (m)	Area of Road		Total Area of Forest Land (Ha)	Name of Village	Qty of Muck to be produced	Qty of Muck to be utilized locally	Swalling Factor	Qty of Muck to be dumped in dumping places
	From	To	Forest Land (m)	Non Forest Land (m)	Total (m)		Forest Land (sqm)	Non forest Land						
1	0	750	750	0	750	5	3750	0						
2	750	775	25	0	25	5	200	0						
3	775	850	175	0	175	5	875	0						
4	850	975	25	0	25	5	200	0						
5	975	1225	250	0	250	5	1250	0						
6	1225	1250	25	0	25	5	200	0						
7	1250	1830	580	0	580	5	2900	0						
8	1830	1825	25	0	25	5	225	0	1.4575	Marila Rajundi	42125	25296	1.2	38227
9	1825	2225	400	0	400	5	2000	0						
10	2225	2575	0	450	450	5	0	2250						
11	2575	3330	625	0	625	5	3125	0						
12	3330	5330	0	2000	2000	5	0	10000						
13	Dumping Site 1	0	50	50	100	15	0	1750						
14	Dumping Site 2	0	50	50	100	15	0	1750						
15	Dumping Site 3	0	50	50	100	15	0	1750						


Executive Engineer
PMGSY Division
Ramnagar

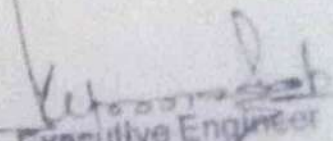
LAYOUT PLAN OF MUCK DUMPING SITES



IMPLEMENTATION OF ENGINEERING MEASURES AT MUCK DUMPING

SITES:

It has been observed that after disposal of muck, it creates problem as it is susceptible to scattering unless the muck disposal yards are supported with engineering measures such as protective walls. All the dumping sites need proper handling to avoid spilling of muck while dumping and in the post dumping stages. All the muck disposal sites have to be developed from the ground level either by providing stone masonry or by gabion structure (Crate Walls). Two Layered Crate Walls will be provided to support disposed muck. In all the muck dumping sites, the muck brought in by dumpers shall be dumped and manually spread and roller compacted in such a way that rock mass is properly stacked behind the Crate Walls with minimum of voids.


Executive Engineer
PMGSY Division
Ramnagar

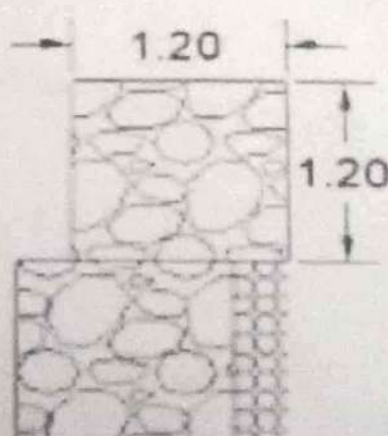
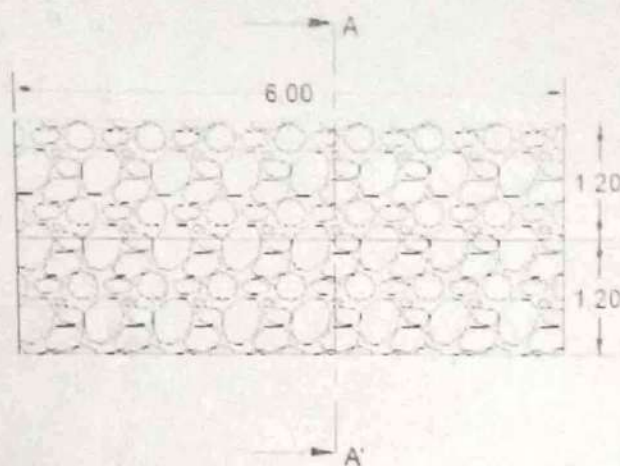
1. Dumping Site-1: 50 x 35: Crate Wall Required: - $50+35+35 = 120$ Rmt
2. Dumping Site-2: 50 x 35: Crate Wall Required: - $50+35+35 = 120$ Rmt
3. Dumping Site-3: 50 x 35: Crate Wall Required: - $50+35+35 = 120$ Rmt

Total Length of Crate Wall Required = $120+120+120 = 360$ Rmt

Rate per Rmt of Crate Wall as per model plan provided by PMGSY Jammu = Rs 3735.00 / Rmt

Total Amount of Crate Wall = $360 \times 3735 = \text{Rs } 13,44,600 = \text{Rs } 13.446$ Lacs

This amount will be adjusted from the already sanctioned amount of Rs 321.30 Lacs



[Signature]
Executive Engineer
PMGSY Division
Ramnagar

**NAME OF THE PROPOSAL : CONSTRUCTION OF ROAD FROM
GARHSAMNABANJ TO MARILA RAJUNDI**

MUCK DISPOSAL PLAN

1. Muck Disposal Plan

Muck disposal plan is for the construction of road by which muck would be generated. The excavation shall result in large quantity of excavated material i.e. muck which have to be evacuated, disposed off and roller compacted or laid on mild slopes with the excavation work to such designated areas where the muck piles do not substantially interfere with either environment / ecology or the river flow regime and do not cause turbidity impairing the quality of water. The disposal of muck has to be scientifically planned keeping in view the economic aspects necessitating nearness to the muck generating component of work, which understandably reduce the travel time of dumpers, less interference to surface flow and ground water aquifer and disposition of habitation.

Based on the quantities of excavation a muck management plan, therefore, has been formulated to manage the disposal of muck and restore such areas from further degradation of the environment. During construction of the project, quantities of excavation will be carried out and shall be dumped in designated areas to provide stable slopes.

2. Quantity of Muck disposal and its reuse

During the construction of the project, muck will be generated. Total quantity of muck / debris, generated due to the project in the forest land, shall be 42,328 cum. Out of the total muck generated, 25,397 cum shall be utilized on project work leaving 16,931 cum to be dumped. It is proposed to utilize about 60% of the excavated material for construction of various project components. The balance 40% shall have to be disposed off away from sites to make available the site clear. The muck shall be properly roller compacted and dumped on slopes and treated to mix and match with the surrounding environment with least change in landscape. Table-1 indicates for muck disposal quantity below:

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K. K.
Executive Engineer
PMGSY Division
Ramnagar

Table - 1

S No	RD (Forest Land)	Length of Road in Forest (m)	Quantity of muck generated (cum)	Quantity of Muck To Be Used In Road Construction (30 % Stone + 30 % Soil) (cum)	Quantity of muck to be Dumped (cum)
1	0/0 - 2/225	2225	35992	21595	14397
2	2/675 - 3/300	625	6336	3802	2534
Total		2850	42328	25397	16931

3. Selection of Muck Disposal Site

The selection of muck disposal sites was carried out considering the quantity of the muck, landscape, cost effectiveness, nearness to source of generation. All the dumping locations shall be well supported at base and at higher elevation by suitable retaining structures. Three (3) muck dumping sites have been identified on non-forest private land matching the criteria. The details of dumping sites along with their total capacity and amount of muck to be disposed are enumerated in Table 2.

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Table-2

S No	Location of Dumping Place	Length, Width of Dumping Place (Area in sqm)	Height of Dump Expected (m)	Quantity of Muck that can be Disposed (cum)
(1)	(2)	(3)	(4)	(5) = (3) x (4)
1	3/400	50 x 35 = 1750	3.2	5600
2	4/700	50 x 35 = 1750	3	5250
3	5/290	50 x 35 = 1750	3.5	6125
Total				16975

Layout Plan of Muck Dumping Sites :



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Executive Engineer
PMGSY Division
Ramnagar

4. Description on Muck Disposal Sites

Muck Disposal Site 1

The proposed muck dumping site-1 is located on the left hand side of the road on the non-forest private land. The proposed chainage of the Muck Dumping Site-1 is 3/400 to 3/450. The plan area of Dumping Site-1 is 0.175 ha.

Muck Disposal Site 2

The proposed muck dumping site-2 is located on the left hand side of the road on the non-forest private land. The proposed chainage of the Muck Dumping Site-2 is 4/700 to 4/750. The plan area of Dumping Site-2 is 0.175 ha.

Muck Disposal Site 3

The proposed muck dumping site-3 is located on the left hand side of the road on the non-forest private land. The proposed chainage of the Muck Dumping Site-1 is 5/290 to 5/340. The plan area of Dumping Site-1 is 0.175 ha.

5. Implementation of Engineering Measures At Muck Disposal Sites

It has been observed that after disposal of muck, it creates problem as it is susceptible to scattering unless the muck disposal yards are supported with engineering measures such as protective walls. All the dumping sites need proper handling to avoid spilling of muck while dumping and in the post dumping stages. All the muck disposal sites have to be developed from the ground level either by providing stone masonry or by gabion structure. Retaining Walls will be provided to support disposed muck. In all the muck dumping sites, the muck brought in by dumpers shall be dumped and manually spread and roller compacted in such a way that rock mass is properly stacked behind the R/Walls with minimum of voids.

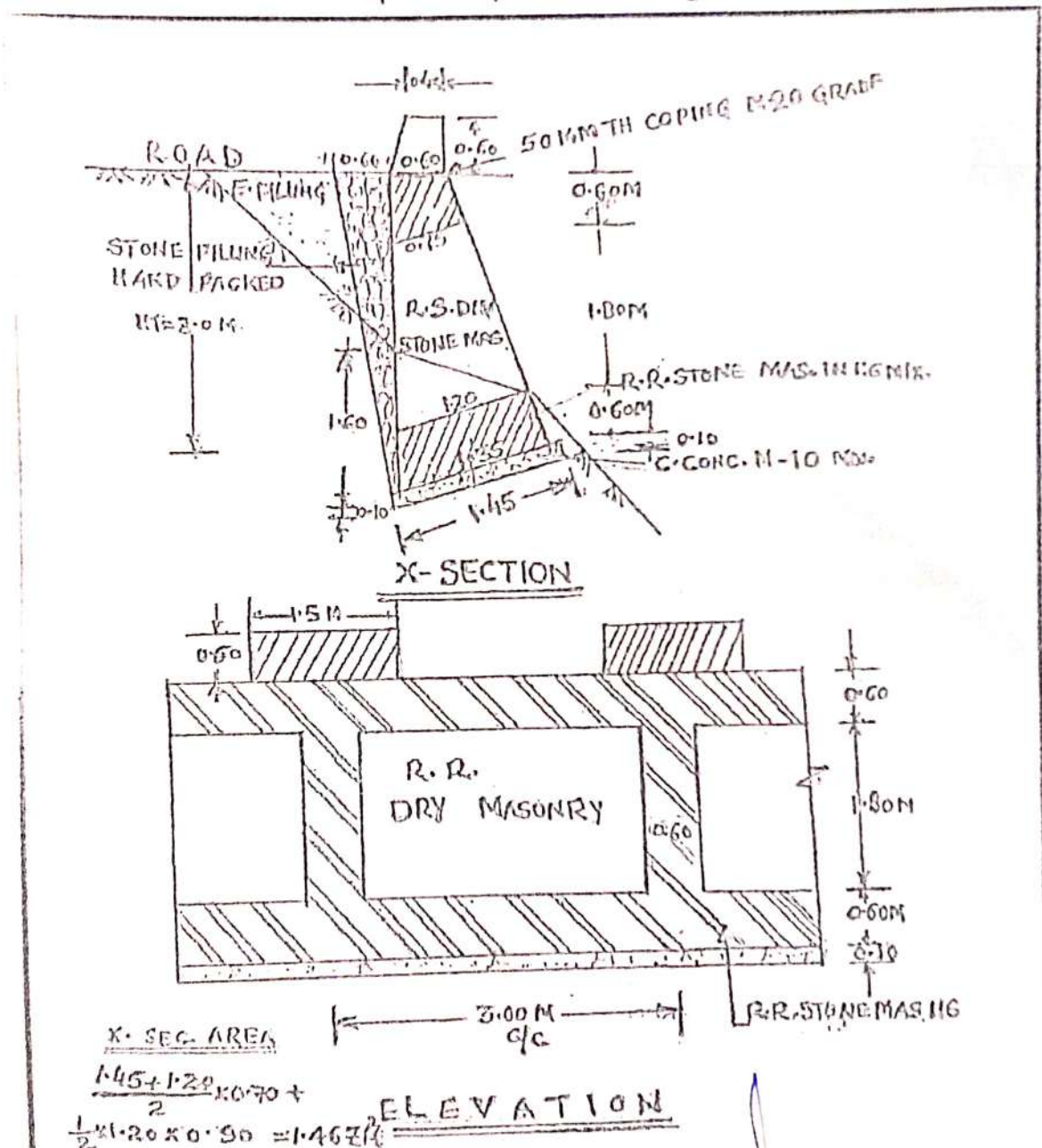
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Executive Engineer
PMGSY Division
Ramnagar

6. Budget for Muck Disposal Plan :

500 Rmt of Semi Pucca R/Wall has been proposed in the DPR of road. The quantity of R/Wall required for the support of disposed muck will be utilized from the already proposed Semi Pucca R/Wall of length 500 Rmt. Hence the cost of protective works required for disposed muck will be beared from the protective works already proposed in the DPR.

Proposed R/Wall Drawing:



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PMGSY Division
Ramnagar

Status of Land of Muck Dumping Sites :

S No	LOCATION	STATUS OF LAND	LENGTH (in m)	WIDTH (in m)	AREA (in Ha)
1	RD 3/400	Non Forest Private Land	50	35	0.175
2	RD 4/700	Non Forest Private Land	50	35	0.175
3	RD 5/290	Non Forest Private Land	50	35	0.175
Total					0.525

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Executive Engineer
PMGSY Division
Ramnagar


Executive Engineer
PMGSY Division
Ramnagar

BRIEF PROJECT NOTE

NAME OF THE PROJECT :- CONSTRUCTION OF ROAD FROM GARHSAMNABANJ TO MARILA RAJUNDI
LENGTH = 5.350 KM ; PACKAGE NO. :- JK14-394 ; DISTRICT :- UDHAMPUR

The Road project for the Construction of Road from Garhsamnabanj to Marila Rajundi is sanctioned under PMGSY of MORD. The length of the road is 5.350 km. The proposed road takes off from the existing PMGSY road Dhar Road Saniote to Garhsamnabanj. The proposed road will pass through village Marila Rajundi thereby directly connecting habitants of habitation Marila Rajundi with population of 314 souls as per PMGSY-I core network to the main Dhar Road.

The people of these villages will be socially benefitted after the completion of this road. Along the proposed alignment of the road which has been selected keeping in view the fact that maximum benefit reaches the habitants of these villages, forest area is also involved which cannot be avoided as the proposed alignment is the only feasible alignment providing vital connectivity to the habitants.

The proposed road will benefit the economy by providing access to basic services to the habitants. The road will provide access to medical services to the habitants especially to the underprivileged and vulnerable. Health, Sanitation, Water Supply, Agriculture, Education, Banking facilities will also improve and upgrade with the road development.

Mitigation measures by provision of Cross Drainage Works and Protection Works

Drainage Crossings:

- | | | |
|----------------|---|--------|
| 1. HP Culverts | = | 23 No. |
| 2. RCC Culvert | = | 01 No. |
| 3. Scupper | = | 01 No. |

Protection Works:

- | | | |
|--------------|---|---------|
| 1. R/Wall | = | 500 Rmt |
| 2. B/Wall | = | 712 Rmt |
| 3. Edge Wall | = | 535 Rmt |

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Executive Engineer

PMGSY Division

Ramnagar

Executive Engineer
PMGSY Division
Ramnagar

OFFICE OF THE EXECUTIVE ENGINEER, PMGSY
DIVISION RAMNAGAR

(Phone/Fax No.: 01990-227211, E-Mail: - xenpmgsyrqr@gmail.com)

The Deputy Commissioner,
Udhampur.

No.: PMGSY/Div./Rgr./2058-61

Dated:- 24/02/2020

Sub:- Request for Issuance of Certificates for Construction of Garhsamnabanj to Marila Rajundi Pkg No:- JK14-394 Length:- 5.350 Km Block Majalta

Sir,

The process of diversion of Forest Land for the above noted road has been taken up under PARIVESH for which the certificate as regards availability/non availability of revenue land to be transferred to Forest Department in lieu of diverted land is required. The detail of road is as under:-

Sr No.	Name of road	Forest Indent No. and Date	Pkg No.	Length (In Kms)	Block	Approximate Forest Area involved
1	Garhsamnabanj to Marila Rajundi	Chief Engineer PMGSY (JKRRDA) Jammu's No:- CEJ/PMGSY/1238-46 Dated:- 15-10-2016 addressed to the Principal Chief Conservator of Forest J&K Government Jammu	JK14-394	5.350	Majalta	1.801 Ha.

It is therefore requested that requisite certificate for the road as detailed above may kindly be issued please. So, that the Forest clearance of the road is obtained.

Yours faithfully,


Executive Engineer,
PMGSY Division,
Ramnagar.

Copy to the:-

1. Chief Engineer PMGSY (JKRRDA) Jammu for favour of information please.
2. Superintending Engineer PMGSY Circle Reasi for favour of information please.
3. Assistant Executive Engineer PMGSY Sub Division Majalta for follow-up action.

CHECK LIST SERIAL NUMBER-12

UNDERTAKING FOR PAYMENT OF COST OF COMPENSATORY AFFORESTATION

I/We Sh. Satish kumar Bhagat Executive Engineer hereby, undertake to pay the entire amount for compensatory afforestation in lieu of the forest area diverted for **Construction of road from Garh Samnabanj to Marila Rajundi** as per prevailing wage rates at the time of plantation.

Place: Ramnagar

Date: 28/08/2020

Executive Engineer

Signature of User Agency

Office Seal

Ram Nagar

Counter signed by

Divisional Forests Officer

Forest Division Billawar

Office Seal

Billawar

Full Title of the Project:

Road from Garh Samnabanj to Marila Rajundi

File No. :

Fp/JK/ROAD/45525/2020

Date of Proposal:

24/05/2020