

PROJECT REPORT

Name of Work: Construction of road from Peerah (NHAI) to Kameti) (Under NABARD Phase 1st)

Authority:- Hon'ble Advisor to the Lt. Governor Jammu and Kashmir vide letter No. Nil Dated 09/01/2020

Project Profile:- The construction of link road from National Highway peerah to Govt. MS Sawni. The proposed Road having length of 5km and will connect the hamlets of Peerah, Tural, Kund & Kameti (Banjar) etc. thereby reducing the non connectivity length of vast area and benefitting the population of about 5000 souls

This road besides having Agricultural potential has also tourism spots. The area is a rich in agricultural such as Maize , Pulses , vegetables and also quite rich in horticulture poultry and dairy produce. In absence of road connectivity the viability of produce for commercial purposes is diminished. The constt. Of this road will open new avenues of development in the area and also will boost the socio economic status of this area

The proposed road will promote economic, industrial, Social & cultural development of the area. It will help in raising living standards of the people , advancement of the community , improvement in medical , educational, post & telegraph & recreational facility . Employment potential in the area will be generated to a large extent. The road will also meet the strategic needs of the defence & security forces. With the opening of this area to communications ,the land value will go up. The living condition of the people shall change drastically and backward class and poor down trodden people will get tremendous uplift. Besides above , the fatigue and discomfort during travel will also get considerably reduced .

Keeping in view all the above cited facts it is felt necessary to construct the road under NABARD Loan Assistance and complete in shortest possible time. The State Government is contributing **Rs. 42.20 lacs** and an amount of **Rs. 3791.77 lacs** Financial Assistance from NABARD is sought to complete the Scheme

PROPOSALS SPECIFICATION :-

It has been proposed to construct a length of 6 km in a width of 5.50 Mtr. The following chief specifications shall be adopted for the construction of the road upto fair weather status.

(a) EARTHWORK :-

Prior to commencement of earthwork, the site shall be cleared off vegetation such as trees, roots, under growth grass and rubbish falling with excavation and fill lines. After the site has been cleared, the limits of excavation shall be set out, true to the lines, curves, slopes, grades and section shown on drawings, with the help of pegs, stone bujree, lime etc. The earthwork in cutting excavation shall be conforming to the lines, grades, sides slopes and levels. The surplus excavated soil shall be disposed off from the road limits and dressed properly to slopes.

(b) SUB BASE COURSE (WBM GRADE-II) 150MM THICKNESS IN TWO LAYERS :-

This course shall be WBM with thickness 150mm and shall be laid over raised compacted portions of the road with nallah broken stones 63mm to 45mm size and screening 13.2mm conforming to IRC/clause 404 of MOST specification 1995.

(c) DRAINAGE CROSSING :-

Hume pipe culverts / RCC culverts shall be provided at the adequate places as per necessity at site for crossing of the water which shall be constructed as per the standard IRC specifications

(d) RETAINING WALLS AND BREAST WALLS :-

Semi-pucca Retaining walls & Breast walls shall be constructed for retention of the hill slope and improvement of geometric of the road

TIME & COST :-

The estimated cost of the scheme is **Rs. 421.97 Lacs** and shall be completed within a period of 03 Years subject to availability of funds and key constructional materials

FINANCIAL DETAIL :-

The estimate cost of the project is **Rs.421.97 Lacs** out of which 90% shall be funded by NABARD in a phased manner and balance by the J&K State Govt

FINANCIAL PHASING :-

2019-20 30%

2020-21 40%

2021-22 30%

PROJECT IMPLEMENTATION AND MANAGEMENT :-

The project will be executed by the R&B wing of the Public Works Department which is well equipped with the technical staff headed by the Chief Engineer at provincial level, Superintending Engineer at the District level, Executive Engineer at the Divisional level and assisted by the Assistant Executive Engineer at the Sub Division level

OPERATION AND MAINTENANCE :-

The operation and maintenance of the project will be carried by the R&B Department on annual basis Separate funds under Non-Plan are available for the said purpose

RISK FACTOR AND PERCEPTION OF DEPARTMENT :-

The construction of the road is a labour and capital intensive work. The non-availability of labour through out the year might create some delay in the completion of the project within the stipulated time but otherwise sufficient labour is available throughout the year and when needed plenty of machinery available with the State Mechanical Department and can be arranged

BENEFITS AND JUSTIFICATION :-

The constructed road will go a long way in improving socio-economic condition of the inhabitants Agriculture and cattle farming is the prime activity in the area, will get a major thrust after the construction of the road. The inhabitants of the area will be benefited directly as well as indirectly from this project.

INCREASE IN AGRICULTURAL PRODUCTION :-

With the construction of this road there shall be smooth inflow of agriculture inputs/pesticides to these villages with the help of agriculture technocrats who will have a smooth and easy access to these areas connected by this road there shall be boost in the production of the agriculture products which can be easily taken to the nearby, Ramban, thus resulting in the economic upliftment of these people

SAVING IN WASTAGE :-

With the construction of this road convenient transportation shall be provided to the marketable goods/agriculture products to the nearby Mendhar/market resulting in saving in wastage of these goods.

SAVING IN TRAVEL TIME :-

The population of the benefited villages is about 500 souls. Assuming that only 15% of the population is engaged in marketing activity and assuming average time saved per Km/day after construction of this road upto B.T specification as 10 Min/Km,

SAVING IN VEHICLE OPERATING COST :-

Based on the assumed traffic intensity on this road, the saving in vehicle operating cost (VOC) can be quantified as under :-

ABSTRACT OF COST

Name of Work:- **Construction of road from Peerah (NHAI) to Kameti (Under NABARD Phase 1st)**

Technical Data:-

1. Length 2.00 Km
2. Specification :
- a) Road Way : 6.00 Mtr
- b) Carriage Way : 3.00 mtr
- c) Pavements : -

S.no.	Particulars	Unit	Quantity	Rate	Amount (Rs. In lacs)
A	EARTH WORK				
i	Earth work in cutting	Cum	28850.75	341.81	98.61
B.	CROSS DRAINAGE WORKS				
i	3 D M span RCC Culvert	No	2	18	36.00
ii	D 90 dia HP Culvert	No	2	6.66	13.32
iii	Pucca Drain	Mtr	198	3025	5.98
C.	PROTECTION WORK (Walling)				
i	Retaining Wall (3 m height)	RMT	200	28000	56.00
ii	Breast Wall	RMT	180	8000	14.40
D	PAVEMENTS (Strengthening)				
i	150 mm thick WBM Gr-II	Sqm	6600	422	27.85
ii	75 mm thick WBM Gr-III	Sqm	6600	200.00	13.20
iii	50 mm thick BM	Sqm	6600	515	33.99
iv	25 mm thick SDBC	Sqm	6600	452.00	29.83
E	Land/House Compensation			LS	50.00
	Total				379.19
	Add 10% for maintenance of road				32.91
	Total				412.10
	Add 3% W C & contingencies				9.87
	G.Total				421.97

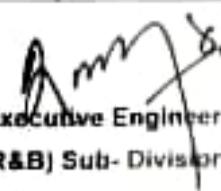
421.97
Say Rs. 421.97 Lacs

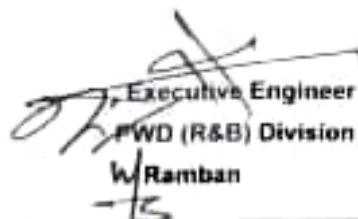
Asst. Executive Engineer
PWD (R&B) Sub-Division
Batote

Executive Engineer
PWD(R&B) Division
Ramban

Name of Work:- Construction of road from Peerah (NHAI) to Kameti (Under NABARD Phase 1st)

Km 1st/R D	Length	Area	Total Area	Mean Area	Quantity	Classification
0	0	23.26	-	-	-	i. All kinds of Soil = 50 %
150	250	26.86	50.12	25.06	6265.00	ii. Ordinary Rock = 30 %
350	100	14.08	40.94	20.47	2047.00	iii. Hard Rock by blasting = 20 %
450	100	16.86	30.94	15.47	1547.00	<i>Rate = 582.47 / cu.m</i>
500	50	9.46	26.32	13.16	658.00	
750	250	7.01	16.47	8.23	2057.50	
1000	250	11.38	28.24	14.12	3530.00	
Km 2nd/RD						
0	0	11.38	-	-	-	
250	250	11.36	22.74	11.37	2842.50	
500	250	10.77	22.13	11.07	2766.25	
575	75	22.73	34.11	17.06	1279.13	
750	175	12.58	35.31	17.66	3089.63	
1000	250	11.38	22.15	11.08	2768.75	
				Total	28850.75	


Asst. Executive Engineer
PWD (R&B) Sub-Division
Batalote

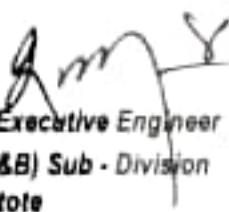

Executive Engineer
PWD (R&B) Division
W/Ramban
-5

Name of Work :-

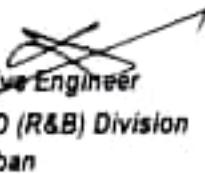
Construction of road from Peerah (NHAI) to Kameti (Under NABARD Phase 1st)

CERTIFICATE :

It is certified that we have inspected the site and are satisfied with the proposals kept in the project report strictly devised & designed as per the relevant IRC code & bureau of Indian Standard & sound Engineering practice.



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



Executive Engineer
PWD (R&B) Division
Ramban

Full Title of the Project :- CONSTRUCTION OF ROAD FROM PEERAH (NHAI) TO KAMETI
UNDER NABARD

File No. :-

Date of Proposal :-

DETAIL OF MUCK/DEBRIES TO BE PRODUCED

Name of Work :- CONSTRUCTION OF ROAD FROM PEERAH(NHAI) TO KAMETI .

Detail of Quantity to be produced and used during the construction of the road .

Sr.No.	Description of Items	Quantity
1	Total Quantity to be produced during the construction	17147
2	To be used for soling (6.50%),wearing of road (6.50 %) and filling behind retaining walls of the road (20%) total (33%)	5659
3	To be used for local use for construction of road average(total 33%)	5659
4	Total Quantity to be used (2+3)	11317
5	Net Quantity to be dumped (1-3)	5830
6	Soil factor 30 %	1749
7	G-TOTAL (5+6)	7579


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


Executive Engineer
PWD(R&B) Division
Ramban

PERFORMA-V

STATEMENT SHOWING DETAIL OF PLACES FOR DISPOSAL OF MUCK/DEBRIS FOR THE CONSTRUCTION OF ROAD FROM PEERAH(NHAI) TO KAMETI.

Sr. No.	Name of dumping places	Location of Dumping place i.e. village Khasra No.	Slope of Dumping place	Length & width (in mtrs.) and area of Dumping place(in Sqm)	Quantity of muck/Debris to be dumped(in 1000 cum)	Height of dumping expected	Remarks (Area in Hect)
1	Ist Dumping Site Beer Bagh-Kanhal	RD 0/225 TO 0/265	1:3	15x20 = 300 Sqm	2526.3333	8.42	0.03
1	Ist Dumping Site Beer Bagh-Kanhal	RD 0/810 TO 0/850	1:3	15x20 = 300 Sqm	2526.3333	8.42	0.03
1	Ist Dumping Site Beer Bagh-Kanhal	RD 1/360 TO 1/400	1:3	15x20 = 300 Sqm total	2526.3333 7579	8.42	0.09 Say 0.09 Hect.

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

Executive Engineer
PWD(R&B) Division
Kamban

STATEMENT SHOWING DUMPING QUANTITY OF MUCK/DEBRIS TO BE DUMPED WITH OTHER DETAIL FOR PROJECT CONSTRUCTION OF ROAD FROM PEERAH
 PROFORMA -III (REFER ITEM -8)
 (NHAI) TO KAMETI UNDER NABARD

Sr. No	Name of Component from Muck/Debris is to be produced	Total Quantity of Muck/Debris to be produced (in Cum)	Qty. of Muck/Debris to be used locally in Cum)	Qty. of Muck/Debris to be dumped on the compact basis (in Cum)	Factor of increase in volume for Dumping (in Cum)	Qty. of Muck/Debris to be dumped on the basis of increase (in Cum)	Name of Dumping Place	Slope of Dumping Place	Location of Dumping place and Police station nearby road	Distance of Dumping place from the river	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 is dump expected (Vol.Area) (in mtrs.)	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			66%	34%										
1	Formation Cutting Work	17147	11317.02	5830	1.3	3096	Peerah	1H:3V	Dasangi, Cheel, Ramban	30 Km	(3Nos x 15 x 20) = 0.09 Hect	0.9	8.42	


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


 Executive Engineer
 PWD(R&B) Division
 Ramban

Full Title of the Project :- CONSTRUCTION OF ROAD FROM PEERAH (NHA1) TO KAMETI
 File No. :-

Date of Proposal :-

STATEMENT SHOWING THE ROAD LINE TO BE CONSTRUCTED FROM PEERAH (NHA1) TO KAMETI

Sr.No	RD		Distance in mtr.			Width of right way	Area of Road		Total Area in Sqm	Name of Village /Muhal and Forest Area	Mucks to produce Total Cum	Mucks to produce locally from	Mucks to produce locally for work	Remarks
	FROM	TO	Forest land (in mtr.)	Non Forest land (in mtr.)	Total (in mtr)		Forest land	Non Forest land						
1	0/000	2/500	1500	500	2000	6.00	(1500×6.0+3 x 5×20) = 9900 Sqm T = 9900 Sqm = 0.99Hect	0.99 Hect	Tutral ,Kund	17147	5658.5	5658.5		

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

Executive Engineer
 PWD(R&B) Division
 Ramban



GOVERNMENT OF JAMMU & KASHMIR
OFFICE OF THE DEPUTY COMMISSIONER RAMBAN

E-mail: dcramban-jk@nic.in

Ph/fax. 01998-266789/266906

To Whom It May Concern

Subject:- Construction of NABARD Road Peerah (NHIA) to Kameti in Division Batote –
Regarding issuance of Forest Rights Act (FRA) Certificate.

Ref: Circular No. PCCF/FCA/3044/4295-4360 dated 29.01.2021 issued by Principal
Chief Conservator of Forest & HoFF, J&K Government.

Executive Engineer, PWD (R&B) Division Ramban vide No. 20367/72 dated
28.12.2021 has requested this office for the issuance of FRA Certificate for Forest land
measuring 0.99 Hectares proposed to be diverted for the below mentioned road:

S.No	Name of road	Sanction No.	RIDF	Forest land proposed to be diverted for NABARD PWD Project (in Hectares)
1	Link road from Peerah (NHIA) to Kameti under NABARD	NB. JKRO/505/RIDF- XXVII	XXVII	0.99

In compliance with the Ministry of Environment and Forest (MoFF), Government of India's letter No.11-9/98-Fc (pt) dated 3rd August 2009 wherein the MoFF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and Other Traditional forest Dwellers (Recognition of Forest Rights) Act 2006('FRA' for short) on the forest land proposed to be diverted for non-forest purpose read with MoFF's letter dated 5th of February, 2013 wherein MoFF issued certain exemption /relaxation in respect of linear projects, it is certified that 0.99 hectares of forest land is proposed to be diverted in favour of Executive Engineer, PWD (R&B) Division Ramban, required for construction Link Road Peerah (NHIA) to Kameti under NABARD in District Ramban.

It is further certified that :

(a) As per MoFF letter no 11-09/98-FC(pt0, dated 5th February, 2013 for liner projects, like construction of roads, there is no requirement of resolution (meeting/ consent) of Gram Sabha of that area for forest land, use of which is proposed to be diverted.

(meeting/ consent) of Gram Sabha of that area for forest land, use of which is proposed to be diverted.

(b) No house of primitive tribal group and pre-agriculture land shall be affected under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 in case this 0.99 Hectares forest land is diverted for propose non-forestry purpose i.e. construction of above mentioned PWD road.

Hence, Forest Right Act Certificate is issued for forest land measuring 0.99 Hectare required for above mentioned PWD road in PWD division Ramban.

NO:- DCR/SB/1409-11

Date:- 02.02.2022


02.02.2022

**Mussarat Islam, JKAS
District Collector
(Deputy Commissioner)
Ramban**

Copy to:-

01. Chief Engineer PWD(R&B), J&K, Jammu for information.
02. Executive Engineer PWD(R&B), Ramban for information.
03. Divisional Forest Officer, Batote for information.

KASHMIR
TOWER
PH/FA

Union Territory of Jammu & Kashmir
OFFICE OF THE SUPERINTENDING ENGINEER
PWD (R&B) CIRCLE DODA
(PH./FAX NO.01996295189, E.MAIL:- supengerroadsdoda@gmail.com)

The Chief Engineer
PWD (R&B) Department
Jammu.

NO: SED/R&B/12539-40

Dated: 18-11-2021

Sub:- Technical Sanction for the work Technical Sanction for "Construction of link road from Peerah (NHAI) to Kameti, L=2.00Kms" Under NABARD RIDF-XXVI (District Raman).

Sir,

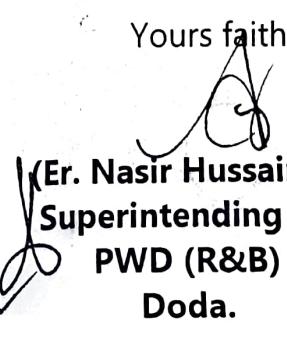
Kindly find enclosed herewith the detailed estimate for an amount of **Rs. 412.10 Lakhs** received from Executive Engineer PWD (R&B) Division Ramban's letter No. 15920-24

Dated:- 16.11.2021 in requisite number of copies for grant of Technical Sanction please.

The AAA for the work stands accorded for an amount of **Rs. 421.97 Lakhs** vide your good office **order No. 46 of 2021-22 Dated:- 16.02.2021** and work stands approved under NABARD RIDF-XXVI for Rs. 418.10 lakhs (photo copy enclosed).

It is therefore requested that the necessary Technical Sanction may kindly be accorded, so that work may be put to tenders.

Yours faithfully,


(Er. Nasir Hussain Zargar),
Superintending Engineer,
PWD (R&B) Circle,
Doda.

Encl:

Copy to the:-

1. Executive Engineer PWD (R&B) Division Ramban for information.

JE/SPT
802
15.12.21



UNION TERRITORY OF JAMMU AND KASHMIR
OFFICE OF THE CHIEF ENGINEER PWD(R&B) DEPARTMENT JAMMU

Lok Nirman Bhawan, Rail Head Complex, Jammu (Tawi) 180012

Phone No. 0191-2471788 Fax No. 0191-2471866

E-mail: cttjammupwd@gmail.com

The Superintending Engineer
PWD (R&B) Circle
Doda

Order No: - 636 of November 2021

Subject: - Technical Sanction for Construction of link road from Peerah (NHAI) to Kameti, Length = 2.00 Kms under NABARD (District Ramban).

Ref: - Accord of Administrative Approval vide this office order No. 46 of 2021 dated 16.02.2021 issued under endorsement No. CEJ/DB/19166-72 dated 16.02.2021

In reference to your office recommendation vide letter No. SED/R&B/12539-40 dated 18.11.2021, the Technical Sanction to the estimate of above referred work amounting to Rs.357.50 lacs (Rupees Three Hundred Fifty Seven Lacs Fifty Thousand only) is hereby conveyed subject to following conditions :-

1. Work has been executed as per standard specification on which rate allotment has been made.
2. Rates allotted / provided in the estimate are certified to be the reasonable for such type of work, by the Executive Engineer.
3. Technical sanction shall not be construed as any approval and proper rate analysis/tender rate/sanction Schedule of rate shall be followed to ensure reasonability/ rationality of rates.
4. The Expenditure is strictly restrict to the allotment made for this work and no liability created in any case.
5. The Expenditure be made upto the extent of budgetary provisions only.
6. The Expenditure be incurred only after drawl of agreement and within its provisions.
7. The total Expenditure does not exceed over and above the approved AA cost.
8. The expenditure on this account is debited to the Head of accounts under which the funds have been released.
9. Work has been executed strictly as per approved design and drawings.
10. All quality control tests are conducted.

11. No change in proposals / specifications envisaged in the detailed estimate Technically sanctioned shall be made without prior approval of competent authority.

12. Rates provided as lower market rates (LMR) shall not be construed as approved rates. Executive Engineer shall follow the codal procedure while such payments.

No: - CEJ/DB/ 18706 - 07
Dated: - 23/11/2021

Copy to the:-

1. Executive Engineer, PWD (R&B) Division Ramban for information

(J. M. HUSSAIN)

CHIEF ENGINEER

PWD(R&B) DEPARTMENT,

JAMMU



OFFICE OF THE CHIEF ENGINEER PW(R&B) DEPARTMENT JAMMU

OFFICE
Lok Nirman Bhawan, Rail-Head Complex
Jammu (Tawi) 180012
(E-mail: cejmurnbpwd@gmail.com)

Office No. (2471788)
 Office Fax No. (2471866)

Subject: Construction of road from Peerah (NHAI) to Kameti, Length = 2.00 Kms
 (under NABARD RIDF XXVI).
 And Accord of Administrative Approval thereof.

ORDER NO. : - 46 OF 2021
 DATED : - 02 - 2021

As recommended by the Superintending Engineer PWD (R&B) Jammu-Kathua Circle, Jammu vide no. SED/R&B/10102-04 dated 27.01.2021, Administrative Approval is hereby accorded for above noted work for an amount of **Rs.421.97 lacs (Rupees Four Hundred Twenty One Lacs Nenety Seven Thousand only).**

The Administrative Approval is however, subject to the following conditions:-

1. The works shall be taken up for execution only after specific authorization of funds is made by the NABARD / Administrative Department.
2. The works shall be executed after observing all Codal formalities / procedures.
3. It must be ensured that there shall be no multi-source of funding or overlapping of schemes under different programmes.
4. The scheme shall be executed only after encumbrance's free land is available.
5. That the works are executed strictly as per provisions and specifications of the sanctioned estimates / NABARD guidelines.
6. Schemes / project shall be completed within stipulated time.
7. There is no time over-run or cost over-run involved in the project.
8. Accord of Administrative Approval shall not be treated as an authority to spend money not provided for in the budget.
9. Quality control is mentioned in accordance with standards set under MORTH/IRC code.
10. The detailed estimate of the work shall be technically sanctioned by the competent authority and proposals strictly devised and designed as per the relevant code of MORD /MORTH and IRC Manual specifications as per the relevant code.
11. Any such item(s) not covered under relevant schedule of rates is paid in accordance with the set codal procedure.
12. The structural design of the cross drainage is got authenticated by the competent authority well before the execution of work. The design shall also account for the latest HFL.
13. The NOC from the concerned regulatory Authorities such as forest department is obtained before the commencement of the work.

(Er. A.K. Kikloo)

CHIEF ENGINEER,
 PW(R&B) DEPARTMENT,
 JAMMU

No: CEJ/DB/ 19166 - 72

Dated: 16 -02-2021

Copy for information to the:-

1. Financial Commissioner to Govt. Planning & Development Department Civil Sectt. Jammu
2. Principal Secretary to Govt. Public Works (R&B) Department Civil Sectt. Jammu
3. Accountant General J&K, Jammu.
4. General Manager, NABARD Regional office J&K.
5. Superintending Engineer PWD(R&B) Circle Doda.
6. Assistant General Manager, NABARD Regional Office Jammu.
7. Executive Engineer PWD (R&B) Division, Ramban.

CALCULATION FOR BENEFIT COST RATIO

of the scheme:

Construction of road from Peerah (NHAI) to Kametli (Under NABARD Phase 1st)

Total cost of project /scheme	=	Rs	421.97	Lacs
Length of the road of project	=		2.00	kms
Population	=		5000	
PCUs	=		480	

SAVING IN VEHICLE OPERATING COST.

As per IRC norms and guidelines of May, 1998 Assuming the vehicle operating cost at Rs.7.00 / km / PCU

The annual saving in VOC may be quantified as under

$$\text{V.O.C} \times \text{length} \times \text{PCUs} \times 365$$

$$7 \times 2.0 \times 480 \times \frac{365}{100000} = \text{Rs} \quad 24.53 \quad \text{Lacs}$$

TRAVEL TIME SAVED

$$\text{Population} = 5000 \quad \text{Souls}$$

Assuming 15% of the population is engaged in taking commercial activities with average time reduction of 5min/km with probability of securing employment at 0.65 and the current wage rate at Rs. 350/ day , the proportionate saving in travel time shall be as under :-

$$\frac{15}{100} \times 5000 \times \frac{5}{60} \times \frac{365}{8} \times 2.00 \times 0.65 \times \frac{350}{100000} = \text{Rs} \quad 12.97 \text{ Lacs}$$

$$\text{Total benefits} = 81.33 + 24.53 + 12.97 = \text{Rs} \quad 118.83 \text{ Lacs}$$


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


Executive Engineer
PWD (R&B) Division
Ramban

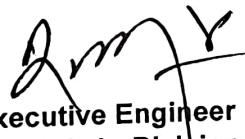
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COST BENEFIT ANALYSIS

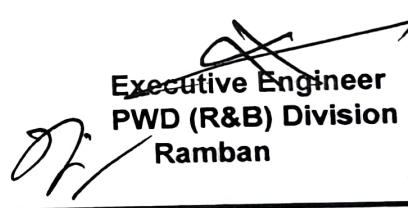
Construction of road from Peerah (NHAI) to Kameti (Under NABARD Phase 1st)

JAMMU & KASHMIR		30%	40%	30%		
Particulars	Rs in lacs	1st year	2nd year	3rd year	4th year	Total
Capital cost of project	421.97	126.59	168.79	126.59	-	-
Benefits	118.83	17.83	41.59	59.42	118.83	-
Discount Factor	-	0.87	0.756	0.658	2.73	-
Present worth of cost	-	110.13	127.60	83.30	-	321.03
Present worth of benefit	-	15.51	31.44	39.10	324.42	410.47

Therefore BCR =
$$\frac{410.47}{321.03} \quad 1.28 \quad > 1$$



Asst. Executive Engineer
PWD (R&B) Sub- Division
Batote



Executive Engineer
PWD (R&B) Division
Ramban

Office Address

Nov. to April: Van Bhawan, Below Guman, Jammu-180001
Phone: 0191-2560585, 2548397, Fax: 0191-2547276
May to October: Forest Complex, Sheikh Bagh Lal Chowk, Sgr. 190001
Phone: 0194-2484938, 2483937, Fax: 0194-2455027



URL Address: www.jkforest.gov.in
E-mail: dcfcjkforest@gmail.com
dcfcjk1@gmail.com



Jammu & Kashmir Forest Department Office of the Pr. Chief Conservator of Forests & HoFF, Government of Jammu & Kashmir

Full Title of the Project: Construction of Road from Poreah (NH1) to Kameli

File No: FP/JK/R0AD/151949/2022

Date of Proposal: 23-02-2022

Undertaking for payment of net present value of forest area & Addl. NPV.

It is to certify that I/We PWD (R&B) DIVISION RAMBAN have applied for

diversion of 0.99 ha of forest area for the purpose of

Construction of Road from Poreah to Kameli

I/We, hereby undertake to pay the net present value (NPV) of the above forest land. I/We also hereby undertake to pay the additional amount of NPV, if so determined as per the decision of the Hon'ble Supreme Court, at a later date.

Place: Batote

Date: 22-02-2022


Signature of User Agency

Office Seal Nodal Officer

PWD (R&B) Division
Ramban


Counting Officer (Kundal Singh) JKFS

Divisional Forest Officer

DAVOTE

Forest Division,

Office Seal _____

Office Address

Nov. to April: Van Bhawan, Below Guman, Jammu-180001
Phone: 0191-2560585, 2546397, Fax: 0191-2547276
May to October: Forest Complex, Sheikh Bagh, Lal Chowk, Sgr. 190001
Phone: 0194-2484939, 2483937, Fax: 0194-2455027



URL Address: www.jkforest.gov.in
E-mail: jkcfjkhora@gmail.com
ccffcajk1@gmail.com



Jammu & Kashmir Forest Department
Office of the Pr. Chief Conservator of Forests & HOFF,
Government of Jammu & Kashmir

Full Title of the Project: *construction of Road from Peerath(NH1) to Kameti'*

File No: **FP/JK/ROAD/151949/2022**

Date of Proposal: **23-02-2022**

Undertaking for payment of cost of compensatory afforestation

I/We PWD(R&B) DIVISION RAMBAN hereby undertake to pay

the entire amount for compensatory afforestation in lieu of the forest area diverted for _____ as per the prevailing wage rates at the time of plantations.

Place: **Batote**

Date: **22-02-2022**

e/s

Signature of User-Agency

Node Officer.

Office Seal PWD (R&B) Division

[Signature]
Ramban

[Signature]
Divisional Forest Officer

JKPS

Divisional Forest Officer

JKPS

Divisional Forest Officer

JKPS

Forest Division,

Office Seal _____

Full Title of the Project: Construction of Road from Pehrah (NHA1) to Kameti

File No: FP/JK/ROAD/151949/2022

Date of Proposal: 23-02-2022

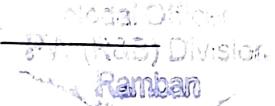
Certificate for Minimum Use of Forest Land

This is to certify that all alternative alignments/locations have been explored and the forest area involved in the proposal is unavoidable and bares minimum forest area i.e. 0.99 Ha. area has been proposed diversion.

Place: Batote

Date: 22-02-2022

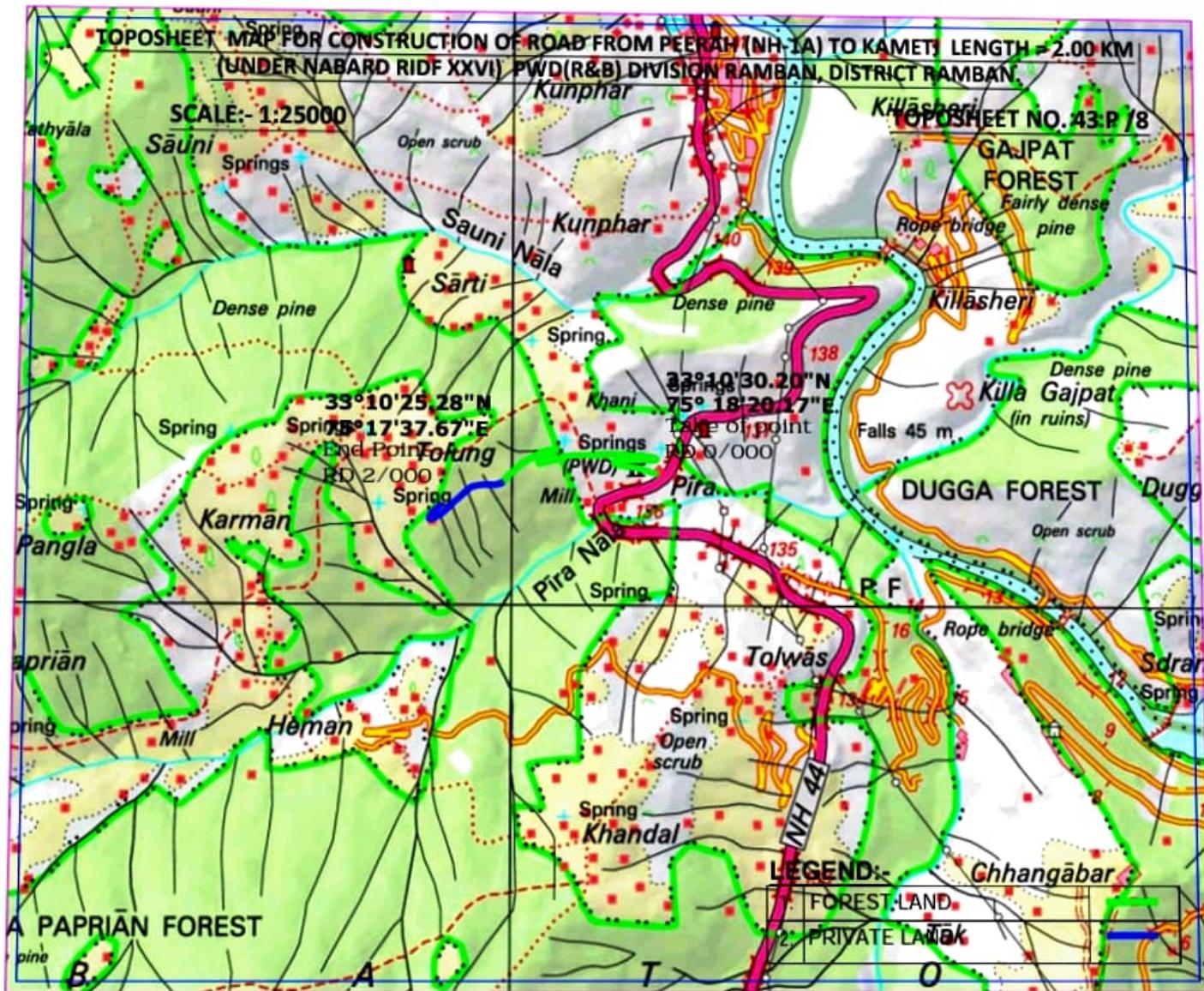

Signature of User Agency


Office Seal Office of the Forest Officer, Pehrah Forest Division, Ramgarh

*C/S
belgs*
(Kuldeep Singh) JKFS
Counter-signed
Senior Forest Officer
Divisional Forest Officer

Forest Division,

Office Seal --

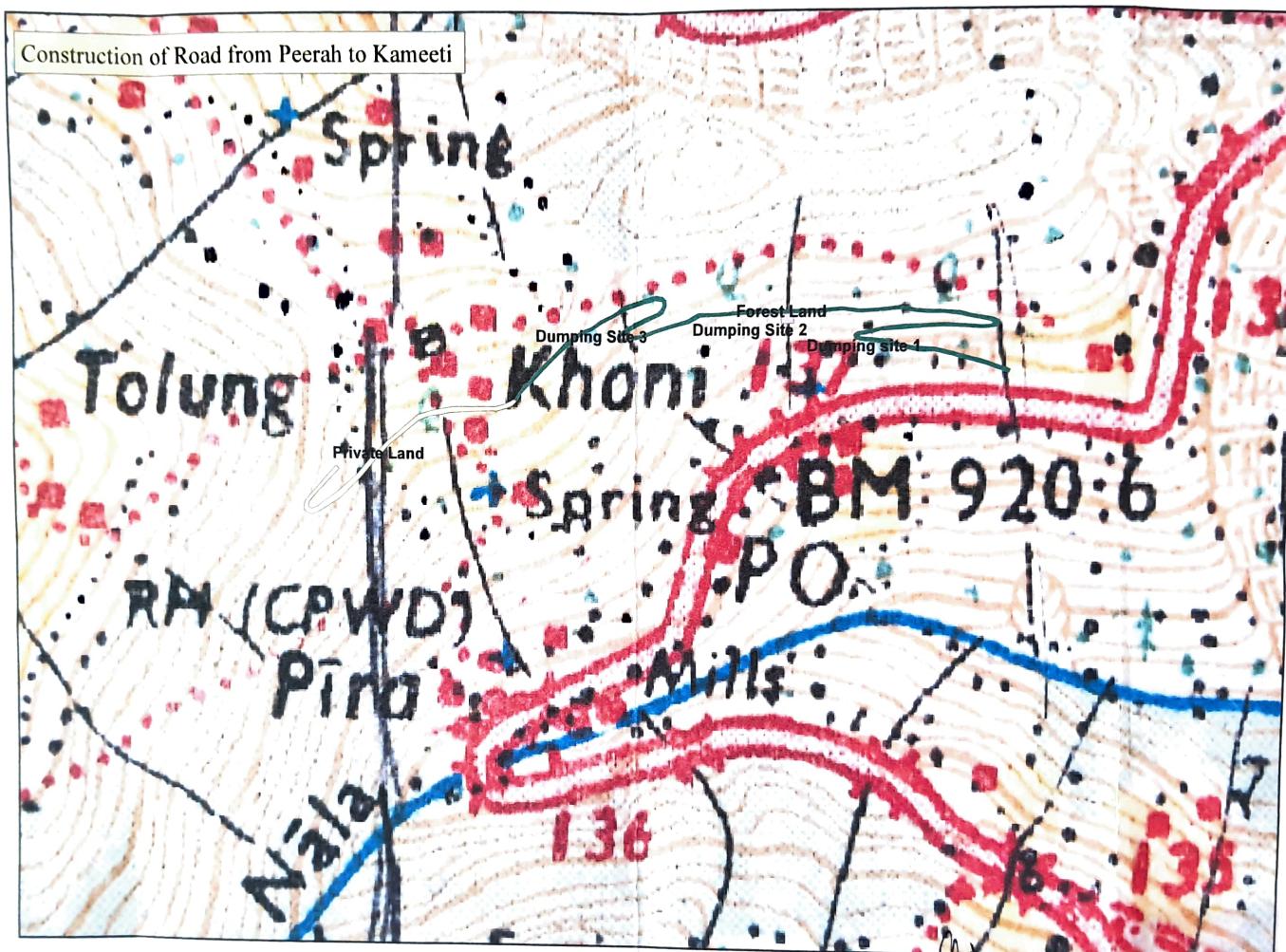


**GPS MAP FOR CONSTRUCTION OF ROAD FROM PEERAH (NH-1A) TO KAMETI LENGTH = 2.00 KM
(UNDER NABARD RIDF XXVI) PWD(R&B) DIVISION RAMBAN, DISTRICT RAMBAN.**

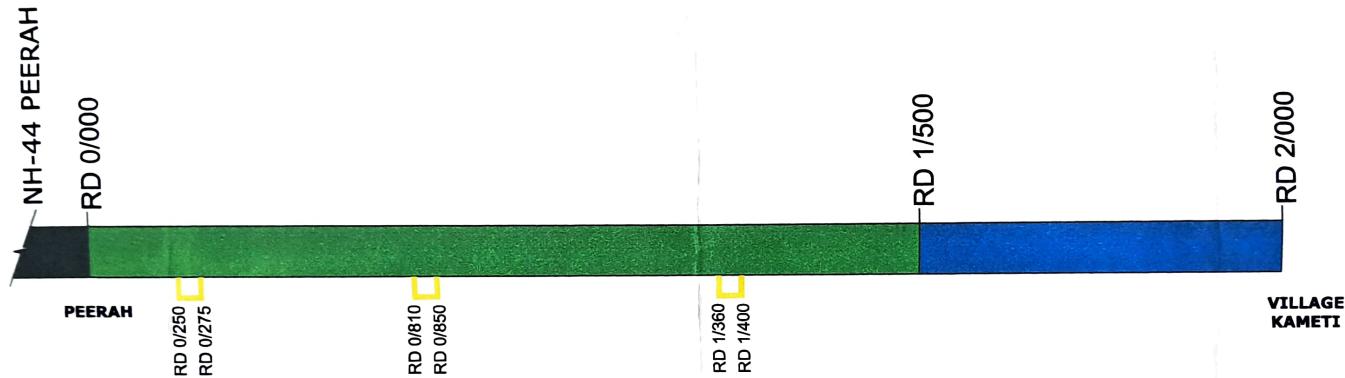


LEGEND:-

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



AYOUT PLAN FOR CONSTRUCTION OF ROAD FROM PEERAH (NH-1A) TO KAMETI LENGTH = 2.00 KM
(UNDER NABARD RIDF XXVI) PWD(R&B) DIVISION RAMBAN, DISTRICT RAMBAN.



FOREST AREA DETAIL

AREA DETAIL OF ROAD	LENGTH X WIDTH	AREA
RD 0/000 TO 1/500	500M X 6 M	<u>9000 M² - A</u>

DUMPING AREA DETAIL

RD 0/225 TO 0/265	20 M X 15 M	300 M ²
RD 0/810 TO 0/850	20 M X 15 M	300 M ²
RD 1/360 TO 1/400	20 M X 15 M	300 M ²
	TOTAL	<u>900 M² - B</u>

TOTAL AREA = A+B = 9000+900 = 9900 M² OR 0.99 HECTARE

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

LEGEND:-

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

Georeference Map for Site Plan

GT Sheet No 43 O/8

1:6,000

75°17'30"E

75°17'45"E

75°18'0"E

75°18'15"E

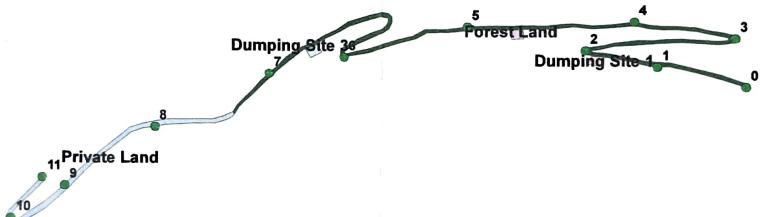
75°18'30"E



Construction of Road from Peerah to Kameeti

FID	Longitude	Latitude
0	75° 18' 19.962" E	33° 10' 30.075" N
1	75° 18' 14.700" E	33° 10' 31.110" N
2	75° 18' 10.416" E	33° 10' 31.954" N
3	75° 18' 9.318" E	33° 10' 32.570" N
4	75° 18' 13.327" E	33° 10' 33.434" N
5	75° 18' 3.310" E	33° 10' 33.182" N
6	75° 17' 55.820" E	33° 10' 31.606" N
7	75° 17' 51.285" E	33° 10' 30.760" N
8	75° 17' 44.379" E	33° 10' 27.955" N
9	75° 17' 38.934" E	33° 10' 24.900" N
10	75° 17' 35.759" E	33° 10' 23.202" N
11	75° 17' 37.569" E	33° 10' 25.328" N

GPS_Coordinates
Name
Dumping Site 1
Dumping Site 2
Dumping Site 3
Forest Land
Private Land



Assistant Executive Engineer
PWD(R&B) Division
DAPOTE

Executive Engineer
PWD(R&B) Division