

Cost Abstract w. r. t. the proposed construction of PWD (R&B) Road from Dabathali to Choatra Lahar & Sathla to Sarthan in Kathua Forest Division

S. No.	Item	Amount (Rs)	Remarks
1	Net Present Value (NPV)	24,39,113.00	3.0375 Hac. Forest land proposed for diversion in Eco Class III of dense forest (0.4 to 0.7 canopy density)
2	Compensatory Afforestation Scheme	12,78,000.00	On 6.2 hac. of degraded Forest land with canopy density less than 0.40
3	Cost of marking, felling, extraction of timber/firewood	6,43,165.00	For trees/poles etc. coming under the proposed project
Total		43,60,278.00	
(Fourty three Lac Sixty Thousand One hundred and Seventy Eight only)			


 Divisional Forest Officer,
 Kathua Forest Division, Kathua

Net Present Value (NVP) of Forest Land proposed for diversion under the Forest Conservation Act, 1980 in Kathua Forest Division, Jammu and Kashmir for Construction of Road from Dabathali to Choatra Lahar & Sathla to Sarthan by J&K PWD (R&B), Executive Engineer, Basohli					
1	Name of the project:	Construction of Road from Dabathali to Choatra Lahar & Sathla to Sarthan			
2	Name of the Division	Kathua Forest Division			
3	Number of Forest Compartment involved	2 No's			
4	Name of Forest Compartment involved	14/K & 15/K of Kathua Forest Range			
5	Area of Forest land proposed for diversion:	3.0375 ha			
6	Ecological Class & Density Class of Forest land proposed for diversion	Eco Class	Forest Type	Density Class (Density)	NPV Rates (Rs / ha)
		III	Tropical Dry Deciduous Forests	DF (0.4 to 0.7)	8,03,000.00
7	Rate of NVP of the Forest land to be diverted	(Vide Notification-F. No. 5-3/2007-FC Dated: 05/02/2009 of the Ministry of Environment, Forest & Climate Change)			
8	Total amount of NPV:	Eco Class	NVP rates (Rs/hac)	Forest Land proposed for diversion (Ha)	Total Amount of NPV payable by user agency (Rs)
		III	8,03000/-	3.0375 ha	24,39,113/-


 Range Forest Officer
 Kathua Forest Range
 KATHUA


 Divisional Forest Officer,
 Kathua Forest Division, Kathua

Cost Abstract of timber/firewood extraction from trees, poles etc. coming in proposed PWD Road (from Dabathali to Choatra Lahar & Sathia to Sarthan) in Kathua Forest Division

S. No.	Item of Work	Qty.	Rate (in Rs)	Unit	Amount (in Rupees)	Remarks
1	Enumeration of tree, poles etc.	1176	5.4	Per No.	6,350	
2	Marking of trees, poles etc.	1176	9.75	Per No.	11,466	
3	For extraction of firewood and allied activities of BL spp. & Chir pole & saplings					
a	Felling of trees, hand sawing/conversion and its splitting making fit for head load carriage/stocking upto loading point road side	1959	105.57	Per qtl	2,06,780	
b	Weightage, loading, unloading, Depot handling and other misc.	1959	21.42	Per qtl	41,955	
	Sub Total (3)				2,48,735	
4	Felling of 19 chir trees with timber value having 1153 cft volume					
a	Firewood extraction @ 65% of total volume which include felling of trees, hand sawing, conversion and its splitting making fit for head load carriage/stocking upto loading point road side.	262	105.57	Per qtl	27,692	
b	Weightage, loading, unloading, depot handling, other misc. charges	262	21.42	Per qtl	5,619	
	Sub Total (4a & 4b)				33,310	
c	Out turn from felling for sawn timber @ 35% of total volume of Chir trees having timber value	404	3.21	Per cft	1,295	
d	Hand sawing under / odd sizes 25% of total volume	288	46.24	Per cft	13,329	
e	Hand sawing of standard sizes 10% of total volume	115	52.85	Per cft	6,094	
f	Off road transportation in forest through head load (d+e)	404	0.62	Paisa per cft per chain for 15 chain	3,753	
g	Pacca road transportation for 90 km average lead	404	0.22	Paisa per cft per km with 15% contractor profit	7,990	
h	Nikassi	404	0.94	Per cft	379	
i	Stacking	404	0.88	Per cft	355	
	Sub Total (4c to 4i)				33,195	
5	Mechanical transportation of firewood for 90 km average lead	2217	Rs 1.90/- per qtls per km upto 40 kms, Rs		3,21,466	
6	Watch & ward for 1 labour for 1 month	1	6750	Per month	6,750	
	Cost Amount in Rs (1 to 7)				6,27,963	
	Misc. & OH Charges @ 15				15,202	
	Total Amount in Rupees payable by UA in Rs				6,43,165	

(In Words- Six Lac Fourty Three Thousand One Hundred and Sixty Five Only)

The estimate is prepared as per Govt. rate of 2016-17.

Handwritten signature
Range Forest Officer
 Kathua Forest Range
 KATHUA

Handwritten signature
 Divisional Forest Officer,
 Kathua Forest Division, Kathua


CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that all alternate alignments/locations have been tried and the forest area of

3.075 ha, involved in the proposal is unavoidable and barest minimum in the proposed diversion.

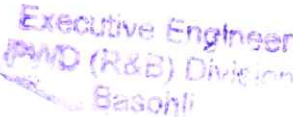
Place : Kathua

DaTe: 29/12/2020


Signature of the User Agency

Name : Er. Rajesh Sumbria
Designation:

Office Seal


Executive Engineer
PWD (R&B) Division
Basohli


Countersigned -
Divisional Forest Officer

Kathua Forest Division
Divisional Forest Office
Office Seal

KATHUA.

Full Title of the Project:- Construction of Sathla to Sarthan road & Construction of Dabathali to Choatra Lahar road


File No. FP/JK/ROAD/52321/2020.

Date of Proposal:- 28.10.2020

UNDERTAKING FOR PAYMENT ON NET PRESENT VALUE OF FOREST AREA

It is to certify that I/We Executive Engineer PWD(R&B) Division Basohli have applied for diversion of 3.0375 Hac.of Forest area for the :- **Construction of Sathla to Sarthan road & Construction of Dabathali to Choatra Lahar road.** I/We, hereby, undertake to pay the net present value (NVP) 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.


Date: 5094


Executive Engineer
PWD (R&B) Division
Basohli

(signature of the user Agency)

Place:- 27-11-2020

Countersigned by:-


Divisional Forest Officer
Kathua Forest Division
Kathua

Full Title of the Project:- Construction of Sathla to Sarthan road & Construction of Dabathali to Choatra Lahar road


File No. FP/JK/ROAD/52321/2020.

Date of Proposal:- 28.10.2020

UNDERTAKING FOR PAYMENT OF COMPENSATORY AFFORESTATION

I/We Executive Engineer PWD(R&B) Division Basohli hereby, undertake to pay the entire amount of compensatory afforestation or any other cost in lieu of the forest area diverted for **Construction of Sathla to Sarthan road & Construction of Dabathali to Choatra Lahar road** as per prevailing wage rates at the time of Plantation.

Date: 5093


Executive Engineer
PWD (R&B) Division
Basohli

(signature of the user Agency)

Place:- 27-11-2020

Countersigned by:-


Divisional Forest Officer
Kathua Forest Division
Kathua

RECOMMENDATION OF THE DIVISIONAL FOREST OFFICER, KATHUA FOREST DIVISION

The proposed project envisages construction of Road from Dabathali to Choatra Lahar & Sathla to Sarthan by PWD (R&B) in Kathua Forest Division. The forest area proposed for diversion is 3.075 ha falling in Compartments 14/K & 15/K of Basantpur Forest Block, Kathua Range. The project in the present instant is being executed by Executive Engineer, Basohli, Jammu & Kashmir Public Works Department (R&B) and is being funded under NABARD. It has been sanctioned under NABARD RIDF-XXII & XXV. The roads take off from village Dabathli & Sathla respectively and surrounding areas are expected to be benefited by construction of these roads on their completion and will provide connectivity to a population of about 10,000 souls inhabiting village Dabathli and Sathla. Also it will provide alternate/shortest connectivity to Billawar, Basholi and Bani areas with District Head Quarter.

Therefore, in view of the envisaged benefits of the project for the local population it is recommended that the Project may be granted the Stage-I or In-principle approval.

Place: Kathua
Dated: 29.12.2020


(Rahul Singh) IFS
Divisional Forest Officer
Kathua Forest Division Kathua



SITE INSPECTION REPORT w.r.t. FCA Proposal of Construction of Road from Dabathali to Choatra Lahar & Sathla to Sarthan by J&K Public Welfare Department (PWD)

S. No.	Items	Observation and Remarks			
1	Name of the Project and location (Range, Round, Beat)	Diversion of 3.0375 ha. of forest land for non forestry purposes under FCA, 1980 in Kathua Range of Kathua Forest Division in respect of Construction of Road from Dabathali to Choatra Lahar & Sathla to Sarthan			
2	Name of User Agency	Executive Engineer, PWD (R&B), Basholi			
3	Date of Site Inspection	05-12-2020			
4	Extent (ha) and legal status of Forest land proposed for diversion	3.0375 hac.			
5	a) Details of Forest land proposed for diversion and activity wise breakup of forest land.	The Forest Land proposed for diversion falls in the category of "Reserved Forest"			
		Name of Range	Items of work/purpose	Forest Land Required	
				Compartment No.	Area Ha.
	Kathua	Construction of Road from Dabathali to Choatra Lahar & Sathla to Sarthan	14/K & 15/K	3.0375	
	b) Density and Eco- value class	Density - 0.4 to 0.7 and Eco-Class - III			
6	Whether the requirment of forest land as proposed by the User Agency in col. 2 of part - I is unavoidable and barest minimum for the project. If no, recommended area item - wise details of alternative examined.	Yes			
7	Whether the proposal involves any construction of building (including residential) or not? If yes details thereof.	No			
8	a) Whether forest area proposed for diversion is important from wildlife point of view of not.	Not very important in absence of records of rare, endangered, threatened species.			
	b) Detail of any rare or endangered or unique speices of flora and funa in proposed forest land. If so, the details thereof.	NA			
	c) Arial distance from nearest boundary of any portected Area (Km)	2.90 km from Thein Conservation Reserve			
	d) Remarks about sensitivity of the forest area likely to be affected due to project.	Moderately sensitive			
	e) Whether wildlife mitigation plan is required ? If yes, reasons thereof.	Pertains to Wildlife Division			
9	Details of vegetation:	Proposed Forest Area identified for diversion falls under Forest Types - Group 5 "Tropical Dry Deciduous Forests" as per Champion & Seth's Classification of India's Forests			
	a) Total number of trees to be felled	1,176			
	b) Number of trees to be felled of girth below 60cm	1,164			
	c) Number of trees to be felled of girth above 60cm	12			
10	Back ground note on the proposal (Short Summary)	The project for Construction of Road from Dabathali to Choatra Lahar & Sathla to Sarthan roads has been sanctioned under NABARD RIDF-XXII & XXV respectively. The roads take off from village Dabathli & Sathla respectively and surronding areas are expected to be benefitted by construction of these roads on their completion and will provide connectivity to a populaton of about 10,000 souls inhabiting village Dabathli and Sathla respectively. Also it wll provide alternate/shortest connectivity to Billawar, Basholi and Bani areas with District Head Quarter.			

11	Whether the proposal involves any violation of Forest Conservation Act, 1980? If yes, a details report of violation including action taken against the concerned officials to be attached.	No
12	Whether the proposal involves rehabilitation of displaced person. If yes, whether rehabilitation plan has been approved by the State Government?	No
13	Details of catchment and cultivable command area under the project (if applicable)	NA
	Status of catchment area treatment plan to prevent silation of reservior (if applicable)	NA
14	Utility of the Project	The construction of Road from Dabathali to Choatra Lahar & Sathla to Sarthan will provide connectivity to a populaton of about 10,000 souls inhabiting village Dabathli and Sathla respectively. Also it wll provide alternare/shortest connectivity to Billawar, Basholi and Bani areas with District Head Quarter.
15	Whether land being diverted has any socio- cultural / religious values? Whether any scared groves or very old growth trees / forests exist in the areas proposed for diversion.	No
16	Any other important information related to project (Separate note may be attached, if required)	No
17	Details of documents and photographs enclosed:	Attached
18	Recommendation of the Inspecting officer (DCF)	Recommended for grant of Stage-I or In-Principle Approval

(Signature)
(Rahul Singh) IFS

Divisional Forest Officer
Kathua Forest Division, Kathua

Place: Kathua

Date: 25/12/2020

uxpmb
Range Forest Officer
Kathua Forest Range
KATHUA

Dr. S. S. Singh
Executive Engineer
PWD (R&B) Division
Beshli

(Signature)
A.B.E

Area Calculation Sheet

No:- 5472

Dated:- 14-12-2020

Sub:- Forest clearance for construction of Dabathli to Choatra Lahar road and Sathla to Sarthan road under NABARD.

AREA

1. Dabathli to Choatra Lahar road: L=2.00 Km

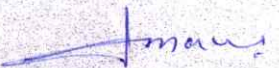
$$\begin{aligned}\text{Km.2}^{\text{nd}} \text{ RD 225-450} &= 1 \times 22500 \text{m} \times 9.00 \text{m} = 202500 \text{ M2} \\ \text{RD 850-1000} &= 1 \times 150 \text{m} \times 9.00 \text{m} = 1350.00 \text{ M2}\end{aligned}$$


2. Sathla to Sarthan road: L=3.00 Km

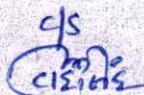
$$\text{Km.1st to 3}^{\text{rd}} \quad 1 \times 3000 \text{m} \times 9.00 \text{m} \quad \underline{\quad \quad \quad = 27000.00 \text{ M2} \quad \quad \quad}$$

$$\text{Total} = 30375.00 \text{ M2}$$

$$= 3.075 \text{ Hectare}$$


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


Executive Engineer
PWD(R&B) Division
Basohli


Divisional Forest Officer
Kathua Forest Division
KATHUA