

GOVERNMENT OF JAMMU AND KASHMIR

OFFICE OF THE CHIEF CONSERVATOR OF FORESTS, JAMMU

(Forest Complex, Exchange Road, Dogra Hall) Ph. 0191 – 2547748, 2545400 Fax: 2562929, Email:ccfjammu1@gmail.com

Sub: Revised Work programme of Compensatory Afforestation w.r.t Forest Clearance for "Four Lanning of Ramban – Banihal Section of NH 44 (old NH1A) at Critical Locations between km 151 and km 187"

Ref: CF Chenab's No: CFC/2021-22/8437-38 Dated 01.12.2021.

ORDER

The revised work proposal for Compensatory Afforestation to be done in lieu of diversion of 78 hectare of forest land in Ramban Forest Division for "Four Lanning of Ramban – Banihal Section of NH 44 (old NH1A) at Critical Locations between km 151 and km 187" to the tune of Rs. 114.76 Lakh, prepared and submitted by the Divisional Forest Officer, Ramban Forest Division, duly recommended by the CF Chenab Circle, is hereby approved / sanctioned, as per the details given below:-

Proposal No	Location	Area propose	d for diversion	Area agai Plan has b	nst which CA been prepared	Effective Area of C.A Plan excluding	Canopy Density	Spp. To be planted.
FP/JK / Road/ 145108 / 2021	Co. 42/B Vurnar Karawa Co. 41/Ar Seripora Tatharka Co. 61/Ar Priwali Dachan Co. 8/Bnl Shagan Co. 9/R Nagni Neel-D Co. 9/R Sargali Neel-D Co. 19/R Goggli Dhar Hochak Co 42/R Dodla Balhote	Road viaduct & tunnel portal Underground works Muck disposal site	9.453 Ha 37.0358 Ha 31.8989 Ha	Road Muck disposal site	9.453 Ha 31.8989 Ha	canopy 10.2 Ha 6.4 Ha 21.25 Ha 8.5 Ha 11.2 Ha 9.35 Ha 11.2 Ha 11.2 Ha 4.8 Ha	0.15 0.2 0.15 0.15 0.2 0.15 0.2 0.2 0.2	Indigenous Species
	IUtai			41.3	519 Ha	82.9 Ha		

The approval / sanction is subject to the following conditions: -

- All the terms and conditions as per the provisions of Forest Conservation Act 1980 w.r.t Compensatory Afforestation are complied with.
- 2) That the existing Forest Tariff Rate schedule shall be applicable.
- 3) That DFO Ramban Forest Division shall be the implementing agency for executing the CA Plan.

04/12/2 (K. Ramesh Kumar), IFS Chief Conservator of Forests RE J Jammu Dated 12.2021.

No: CCFJ/Plg/21-22/42-111/ 4839-42

Copy to: -

1. Pr. Chief Conservator of Forests (HoFF), J&K, Jammu for favour of information.

- 2. Nodal Officer, FCA, O/o the PCCF J&K for favour of information.
- 3. CF, Chenab Circle, Doda.
- 4. DFO Ramban Forest Division for information and necessary action.



GOVERNMENT OF JAMMU AND KASHMIR OFFICE OF THE CHIEF CONSERVATOR OF FORESTS, JAMMU

(Forest Complex, Exchange Road, Dogra Hall) Ph. 0191 - 2547748, 2545400 Fax: 2562929, Email:ccfjammu1@gmail.com

Work programme of Compensatory Afforestation w.r.t Forest Clearance for "Four Lanning of Ramban -Banihal Section of NH 44 (old NH1A) at Critical Locations between km 151 and km 187" in Ramban Sub: Forest Division – partial modification of approval.

1) DFO Ramban's No: RFD/FCA/7129-30 Dated 27.01.2022. 2) EDS raised by IRO MoEF Jammu vide F.No 9-JKC-93/2021-Jammu Dated 24.01.2022. Ref:

ORDER

In pursuance to the EDS raised by IRO MoEF Jammu vide F.No: 9-JKC-93/2021-Jammu Dated 24.01.2022 approval is hereby accorded to the work proposal for Compensatory Afforestation to the tune of Rs 7.71 lakhs submitted by Divisional Forest Officer, Ramban Forest Division for "Four Lanning of Ramban - Banihal Section of NH 44 (old NH1A) at Critical Locations between km 151 and km 187" as per detail given below: -

Proposal No	Location	Area of CA Plan	Canopy Density	Spp. To be planted.
FP/JK/Road/ 145108 / 2021	58/Ar (Hill Dachan Gool)	8 Ha.	0.20	Indigenous species

The approval / sanction is subject to the following conditions: -

- 1) All the terms and conditions as per the provisions of Forest Conservation Act 1980 w.r.t Compensatory Afforestation are complied with.
- 2) That the existing Forest Tariff Rate schedule shall be applicable.
- 3) That DFO Ramban Forest Division shall be the implementing agency for executing the CA Plan.

(K. Ramesh Kumar). IF Chief Conservator of Forests Aug Jammu Dated: 28 .01.2022.

No: CCFJ/PIg/21-22/42-111/ 6092-95

Copy to: -

- 1. Pr. Chief Conservator of Forests (HoFF), J&K, Jammu for favour of information.
- 2. Nodal Officer, FCA, O/o the PCCF J&K for favour of information.
- 3. CF, Chenab Circle, Doda.
- 4. DFO Ramban Forest Division for information and necessary action.



Land Suitability Certificate

Full title of the project

File No: Date of Proposal: 4 Laning of Ramban Banihal Section of NH 44 (old NH1A) at CRITICAL LOCATIONS between km 151 and km 187 in the UT of Jammu & Kashmir FP/JK/ROAD/145108/2021 22-07-2021

It is certified that <u>12 Ha</u> land bearing survey no./compartment No. <u>42/Bnl</u> of village <u>Vurnar</u> Tehsil <u>Banihal</u> District <u>Ramban</u> identified for the Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachments.

Dated:-06-09-2021 Place:-Ramban

Block Officer Bam' fal

Forest Banih

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	COMPENSATORY A	FFORESTATION PLAI	N (SITE 42/	/BNL)				
Full titl	le of the Forest land Diversion project	4 Laning of Ram CRITICAL LOC of Jammu & Kas	CATIONS b					
File No	o:	FP/JK/ROAD/1	45108/2021	1				
Date of	f Proposal:	22-07-2021						
propose	of the Forest Division (where forest land is ed to be diverted):	Ramban Forest I	Division					
	area to be diverted:	81.1717 ha (Road 34.6829 ha)	9.453 ha: 7	Funnel	37.0358 h	a: Muck D)isposal Site	
Forest/	/NFA to be planted		12	ha				
No. of	trees to be felled	3267 Trees/Poles	5					
No. of	poles/plants to be damaged	3267 Trees/Poles	s					
No. of	plants to be planted	10200						
<u></u>	of land where C.A. is to be carried out:							
	led forest land	Yes	Area:		12	Ha		
Non-fo	orest land	NA	Area:		NA			
Forest Division Ramban			1					
Range :		Banihal						
Compartment 42/Bnl								
	No. (for non-forest land)	NA						
	te (Name of the location):	Vurnar Karawa						
CA site				12	2 ha			
	e Geo Coordinates:							
	ting point	Latitude:- 33	3°25'50.04"]	N	Longitu	de:- 75° 9'	27.03"E	
(ii) End			33°25'39.19"N Longitude:- 75° 9'45.81"E					
	e of non-forest area identified for CA, then wha boundary :	t is the distance of (C.A site fro	om the a	djoining]	NA	
a) Soil t	type:		Sandy loam					
b) Top	ography: hilly/undulating/plain:		Hilly					
c) Slop	e: Steep/medium/gentle:		Medium					
	non-forest land - description of existing vegeta	ition/root stock	NA	NA				
	ase of degraded forest land- description of fore	st type and crown		13/C4 Western Himalayan dry high level blue pine forests and 0.15				
	ne of Beat & Working circle			1202 States 103	Reboiseme	ent Working	g Circle	
S.No.	Description		Area (in Ha)	Unit	Rate/U nit	Rate Per Rft.	Amount (in Lacs)	
1	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 4 strands of black annealed Barbed Wire conforming to the product code BA-BW. At least every 8th fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.			rft	5400	72.78	3.93012	



200	201		T	T	<u> </u>				
2	deodara (Deodar), Pi	ed plants in pits (45 x 45 x 45 Cms) of Cedrus inus excela (Kail), Quercus incana (Banj), Melia sh) and other broad leaved species.		No.	3000	40.03	1.20090		
3	Planting of Naked R	oot plants in pits (45 x 45 x 45 Cms) of species pinia, Melia, Ulmus, Apricot etc.		No.	7200	40.03	2.88216		
	Dibbling in Patches	of HC Nut, Oak seeds etc (45 x 45 x 15 Cms)		No.	3000	7.18	0.21540		
6				No.	2000	6.99	0.13980		
7		Cail, deodar etc(45 x 45 x 15 Cms)					0.2(074		
9	Construction of in specification.	spection Path 1.00 meter wide with standard		km	1	36971	0.36971		
	specification.	2nd year maintenance of the plantation		2550	25%	LS	1.02077		
		3rd year maintenance of the plantation		1020	10%	LS	0.40831		
		4th year maintenance of the plantation		510	5%	LS	0.20415		
		5th year maintenance of the plantation		510	5%	LS	0.06005		
	Maintenance of	6th year maintenance of the plantation		510	5%	LS	0.06005		
10	the closure for	7th year maintenance of the plantation		510	5%	LS	0.06005		
	10 years	8th year maintenance of the plantation		510	5%	LS	0.06005		
		9th year maintenance of the plantation		510	5%	LS LS	0.06005		
		10th year maintenance of the plantation		510	5%	16.74	0.90396		
		Fencing repair	No.		5400	10.74	11.63554		
		Total			10%	o of CA	1.16355		
11	Overhead charges				10%		12.79910		
		G.Total etails: - Technical details of Compensatory Affo		Salar	are as fo	llows:-			
			1250 10 Contra Contra				.15 will be		
а	General details	General details		An area of <u>12 ha</u> with crown density <u>0.15</u> will be taken under Compensatory Afforestation Scheme Co 42/Bnl in Banihal Range in a single compact Block. The area will be fenced by using Square PC Fence Posts conforming to product code PCFP-4 spacing of 10 feet and 4 strands of black annealed Barbed Wire conforming to the product code BA- BW. The species like Cedrus deodara (Deodar), Pinus excela (Kail), Quercus incana (Banj), Melia azarachtica (Dhreenkh) and other broad leaved species will be planted in the area					
b	Plantation metho	Plantation method		Nursery grown 2-3 years old plants will be planted the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating U of casualitites and repair of fencing will be done. T plantation will be rain fed.					
с	Spacing			*2.5 mtr			(D - 2)		
d	Species proposed	l to be planted	Melia az Ulmus v	zarachtic	a (Dhreen na (Bren)	kh), Pinus	cana (Banj), excela (Kail ng of Kail, I		
		Species proposed to be planted			The land is alomost barren. It does not require at silviculture operation except protection				

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prover and service and the service of the	man in the second se	
A. A.	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done whereever required using dry rubble stone masnory.
g	Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
⁺ h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularily monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Block Officer Bamhal

Range Officer Range Officer Forest Banina

45 Divisional Forest Officer Ramban Forest Division Ramban



Land Suitability Certificate

Full title of the project

File No: Date of Proposal: 4 Laning of Ramban Banihal Section of NH 44 (old NH1A) at CRITICAL LOCATIONS between km 151 and km 187 in the UT of Jammu & Kashmir FP/JK/ROAD/145108/2021 22-07-2021

It is certified that <u>30 Ha</u> land bearing survey no./compartment No. <u>8/Bnl</u> of village <u>Shagan</u> Tehsil <u>Khari</u> District <u>Ramban</u> identified for the Compensatory Afforestration is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachments.

Dated:-06-09-2021 Place:-Ramban

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	COMPENSATORY AFFO	RESTATION PLAN (SI	TE 8b/BNL	Shagan)			
Full titl	le of the Forest land Diversion project	0	nban Banihal Section of NH 44 (old NH1A) at CATIONS between km 151 and km 187 in the UT shmir					
File No	D:	FP/JK/ROAD/1	145108/2021					
	f Proposal:	22-07-2021						
Name of the Forest Division (where forest land is proposed to be diverted):								
Forest	area to be diverted:	81.1717 ha (Road 34.6829 ha)	9.453 ha: T	unnel :	37.0358 ha:	Muck D	isposal Sit	
Forest/	/NFA to be planted		10	ha				
No. of	trees to be felled	3267 Trees/Poles	3					
No. of	poles/plants to be damaged	3267 Trees/Poles						
A BARRING	plants to be planted	9000						
	of land where C.A. is to be carried out:							
	led forest land	Yes	Area	ı:	10		ha	
	prest land	NA	Area	a:		NA		
Forest Division Ramban					1			
Range : Banihal								
Compartment 8b/Bnl								
Khasra No. (for non-forest land) NA								
C.A Site (Name of the location): Shagan								
CA site (Area)				10	ha			
C.A Sit	e Geo Coordinates:							
(i) Star	ting point	Latitude:- 33	3°21'26.76"	N	Longitude	:- 75° 8'	52.27"E	
(ii) End	d Point	Latitude:- 3	3°25'39.19"	'N	Longitude	:- 75° 9'4	45.81"E	
	of non-forest area identified for CA, then wha boundary :	t is the distance of (C.A site from	n the a	djoining		NA	
a) Soil	type:		Sandy Loam					
b) Top	ography: hilly/undulating/plain:		Hilly					
c) Slope	e: Steep/medium/gentle:		Medium					
d) For and dem	non-forest land - description of existing vegetansity :	ation/root stock	NA					
e) In ca density	ase of degraded forest land- description of fore	est type and crown	13/C4 Western Himalayan dry high level blue pine forests and 0.10					
(f) Nan	ne of Beat & Working circle		Sarbag	mi-B &	Mixed Con	ifer Selec	ction WC	
			Area (in Ha)	Unit	Quanity	Rate Per Rft.	Amount (in Lacs)	
S.No.								
S.No.	Using Square PCC Fence Posts :- Using Square or product code PCFP-4 at spacing strands of black annealed Barbed Wire conform code BA-BW. At least every 8th fence post alon line and every fence posts at the corner be fixed concrete block of size 1'6''x1'x1'.	of 10 feet and 4 ing to the product g the straight fence	10	rft	4000	72.78	2.91120	

b c d	Plantation method Spacing Species proposed to	o be planted	Pinus excel azarachtica species will Nursery gre in the pit o plantation v Beating Up be done. Th 2.5 mtrs*2. Cedrus deo Melia azara	a (Kail), (Dhreen be plan own 2-3 f size 45 will be n o of casu he plant 5 mtrs odar (De chtica (l ichiana	, Quercus i nkh) and o ted in the a years old p o cm*45 cm naintained alitites and ation will b codar), Que Dhreenkh), (Bren) Pato	deodara (I ncana (Ba ther broad area blants will a*45 cm. 7 for 10 yea repair of be rain fed ercus incan , Pinus ex	k annealed t code BA- Deodar), nj), Melia d leaved be planted The rs in which fencing will
		- 6	Pinus excel azarachtica species will Nursery gro in the pit o plantation v Beating Up be done. Th	a (Kail), (Dhreen be plan own 2-3 f size 45 will be n o of casu he plant	Quercus i nkh) and o tted in the a years old p cm*45 cm naintained alitites and	deodara (I ncana (Ba ther broad area blants will h*45 cm. for 10 year repair of	k annealed t code BA- Deodar), nj), Melia d leaved be planted The rs in which fencing will
b	Plantation method		Pinus excel azarachtica species will Nursery gre in the pit o plantation v Beating Up	a (Kail), (Dhreen be plan own 2-3 f size 45 will be n of casu	Quercus i nkh) and o tted in the a years old p cm*45 cm naintained alitites and	deodara (I ncana (Ba ther broad area blants will h*45 cm. for 10 year repair of	k annealed t code BA- Deodar), nj), Melia d leaved be planted The rs in which fencing will
			Pinus excel azarachtica	a (Kail), (Dhree	, Quercus i nkh) and o	deodara (I ncana (Ba ther broad	k annealed t code BA- Deodar), nj), Melia
а	General details		Co 8B/Bn Block. The Fence Post spacing of Barbed Win	r Compo I in Bar area wil s confor 10 feet a re confo	ensatory A nihal Range Il be fenced rming to pr and 4 strand orming to th	fforestatic e in a sing l by using coduct coo ds of blac	on Scheme i de compact Square PCO
	III) Technical De	G.Total tails: - Technical details of Compensatory Affo	restation So	cheme :	are as follo	ows:-	12.93989
11	Overhead charges				10% о	of CA	1.17635
		Total					11.76354
		Fencing repair		150	4000	16.74	0.66960
	-	9th year maintenance of the plantation 10th year maintenance of the plantation		450 450	5% 5%	LS LS	0.10008
	-	8th year maintenance of the plantation		450	5%	LS	0.10008
9	10 years	7th year maintenance of the plantation		450	5%	LS	0.10008
9	Maintenance of the closure for	6th year maintenance of the plantation		450	5%	LS	0.10008
		5th year maintenance of the plantation		450	5%	LS	0.10008
		4th year maintenance of the plantation		450	5%	LS	0.18014
	-	2nd year maintenance of the plantation 3rd year maintenance of the plantation	the second se	2250 900	25% 10%	LS LS	0.90068
8	Soil Conservation V	Vorks by means of DRSM		cum	150	1099	1.64850
7	specification.	-		km	1	36971	0.36971
0		spection Path 1.00 meter wide with standard		140.	5000		
6		confers, grass slips etc. (45 x 45 x 15 Cms)		No.	3000	6.99	0.20970
4 5	-	binia, Melia, Ulmus, Apricot etc. of HC nuts(45 x 45 x 15 Cms)		No.	3000	7.18	0.21540
		Root plants in pits (45 x 45 x 45 Cms) of species		No.	4000	40.03	1.60120
	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Cedrus deodara (Deodar), Pinus excela (Kail), Quercus incana (Banj), Melia azarachtica (Dhreenkh) and other broad leaved species.			No.	5000	40.03	2.00150

Soil and moisture conservation works	Minor Soil Conservation Works like Gully pluggin will be done whereever required using dry rubble stone masnory.
Protection (Fencing , watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
Proposed Monitoring Mechanism Any other information	As per the policy/guidelines issued by the Govt. The site will be regularily monitored by the DFO/Range Officers and other field staff as well a representative from GoI.

NYr Block Banihal Divisional Forest Officer Ramban Forest Division Ramban



Land Suitability Certificate

Full title of the project

File No: Date of Proposal: 4 Laning of Ramban Banihal Section of NH 44 (old NH1A) at CRITICAL LOCATIONS between km 151 and km 187 in the UT of Jammu & Kashmir FP/JK/ROAD/145108/2021 22-07-2021

It is certified that <u>25 Ha</u> land bearing survey no./compartment No. <u>61/Ar</u> of village <u>Privali Dachan Gool</u> Tehsil <u>Gool</u> District <u>Ramban</u> identified for the Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachments.

Dated:- 06-09-2021 Place:- Ramban

Block Officer Block Forest Officer Block Deddha 35

Range Forest Renge C

Divisional Forest Officer Ramban Forest Division Ramban

	COMPENSATORY	AFFORESTATI	ON PLAN	(SITE 6	1/Ar Go	ool)			
Full titl							NH1A) at CRIT JT of Jammu &		
File No): [4	P/JK/ROAD	/145108/2	2021					
Date of	S Bron angle	2-07-2021							
Name	of the Forest Division (where forest land is								
	ed to be diverted):	amban Forest	st Division						
	area to be diverted:		toad 9.453 ha: Tunnel 37.0358 ha: Muck Disposal Site 34.6829 ha)						
		1.1/1/ ha (Roa	d 9.453 h	a: Tuni	nel 37.03	58 ha: Mu	ck Disposal Site	34.6829 ha)	
Forest/	NFA to be planted		25	ha	1.50				
No. of	trees to be felled 3	267 Trees/Pole	Poles						
		267 Trees/Pole	Poles						
No. of	plants to be planted 2	2500							
Details	of land where C.A. is to be carried out:								
Degrad	ed forest land	Yes	Are	a:		25		ha	
Non-fo	rest land	NA	Are	a:			NA		
Forest	Division R	lamban							
Range		Gool						and the second	
Compa		1/Ar				-			
		JA							
		riyali Dachan (Gool						
CA site				25	ha				
	e Geo Coordinates:								
.,	ting point	1	Latitude:-	33°14'	42.55"N	I Longitu	ude:-74°59'8.48'	'E	
(ii) End	l Point	I	Latitude:-	33°14'	2.28"N	Longitu	de:-74°59'40.87	"Е	
adjoini a) Soil 1		the distance (Black loa		the		NA		
	ography: hilly/undulating/plain:		Hilly						
c) Slope	e: Steep/medium/gentle:		Gentle						
d) For a and der	non-forest land - description of existing vegetation isity :	n/root stock	NA						
e) In ca crown c	se of degraded forest land- description of forest t lensity:	ype and	12/C1/D	S2-Hir	nalayan	Temperate	Secondary Fore	st and 0.15	
(f) Nan	ne of Beat & Working circle				De	dha & Fir	Selection WC		
S.No.	Description		Area (in Ha)	Unit	Rate/ Unit	Rate Per Rft.	Amount	(in Lacs)	
	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 4 strands of black annealed Barbed Wire conforming to the product code BA-BW. At least every 8th fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 1'6"x1'x1'.		1						
1	Posts conforming to product code PCFP-4 at spacin and 4 strands of black annealed Barbed Wire confor product code BA-BW. At least every 8th fence post straight fence line and every fence posts at the corne	ng of 10 feet ming to the along the	25	rft	8400	72.78	6.1	1352	
1	Posts conforming to product code PCFP-4 at spacin and 4 strands of black annealed Barbed Wire confor product code BA-BW. At least every 8th fence post straight fence line and every fence posts at the corne	ng of 10 feet ming to the along the er be fixed in Cons) of Fir, <i>Melia</i>	25	rft No.	8400	72.78 40.03		0360	
	Posts conforming to product code PCFP-4 at spacin and 4 strands of black annealed Barbed Wire confor product code BA-BW. At least every 8th fence post straight fence line and every fence posts at the corner the cement concrete block of size 1'6"x1'x1'. Planting of polybagged plants in pits (45 x 45 x 45 c Cedrus deodara (Deodar), Pinus excela (Kail), Moru	ng of 10 feet ming to the along the er be fixed in Cons) of Fir, , <i>Melia</i> es. Cons) of	25				4.8		
2	Posts conforming to product code PCFP-4 at spacin and 4 strands of black annealed Barbed Wire confor product code BA-BW. At least every 8th fence post straight fence line and every fence posts at the corner the cement concrete block of size 1'6"x1'x1'. Planting of polybagged plants in pits (45 x 45 x 45 C Cedrus deodara (Deodar), Pinus excela (Kail), Moru <i>azaruchtica</i> (Dhreenkh) and other broad leaved specie Planting of Naked Root plants in pits (45 x 45 x 45 x	ng of 10 feet ming to the along the er be fixed in Sims) of Fir, , <i>Melia</i> es. Cims) of ficot etc.	25	No.	12000	40.03	4.8	0360	
2	Posts conforming to product code PCFP-4 at spacin and 4 strands of black annealed Barbed Wire confor product code BA-BW. At least every 8th fence post straight fence line and every fence posts at the corner the cement concrete block of size 1'6"x1'x1'. Planting of polybagged plants in pits (45 x 45 x 45 C Cedrus deodara (Deodar), Pinus excela (Kail), Moru <i>azanachtica</i> (Dhreenkh) and other broad leaved specie Planting of Naked Root plants in pits (45 x 45 x 45 C species local species like Rubinia, Melia, Ulmus, Apr	ng of 10 feet ming to the along the er be fixed in Sims) of Fir, , <i>Melia</i> es. Cims) of ficot etc.	25	No.	12000 10500	40.03 40.03	4.8 4.2 0.4	0360 0315	

					-			
10	Soil Conservation Works by means of DRSM		and the second	cum	300	1099	3.29700	
		2nd year maintenance of the plantation	1.2.2.2.4.	5625	25%	LS	2.25169	
		3rd year maintenance of the plantation		2250	10%	LS	0.90068	
		4th year maintenance of the plantation		1125	5%	LS	0.45034	
		5th year maintenance of the plantation		1125	5%	LS	0.24018	
	Maintenance of	6th year maintenance of the plantation		1125	5%	LS	0.24018	
10	the closure for	7th year maintenance of the plantation		1125	5%	LS	0.24018	
	10 years	8th year maintenance of the plantation		1125	5%	LS	0.24018	
	and the second sec	9th year maintenance of the plantation	1.	1125	5%	LS	0.24018	
		10th year maintenance of the plantation		1125	5%	LS	0.24018	
		Fencing repair	No.		8400	16.74	1.40616	
		Total					26,45683	
11	Overhead charges	8			10%	of CA	2.64568	
	1	G.Total					29.10251	
	III) Technical D	Details: - Technical details of Compensatory A	fforestati	on Sch	me are	as follows:-	27110251	
a 	General details		feet and product Pinus ex	4 strand code BA cela (Ka	s of bla A-BW. 'I il), Mor	ck annealed B he species like	ode PCFP-4 at spacing of 10 arbed Wire conforming to the e Fir, Cedrus deodara (Deodar), chtica (Dhreenkh) and other the area	
b	Plantation metho	d	cm*45 c	m*45 cn eating U	n. The p p of cas	lantation will ualitites and r	ll be planted in the pit of size 45 be maintained for 10 years in epair of fencing will be done.	
с	Spacing		2.5 mtrs	*2.5 mtr	8			
d	Species proposed	to be planted	Fir, Cedrus deodar (Deodar), Quercus incana (Banj), Melia azarachtica (Dhreenkh), Pinus excela (Kail), Ulmus wallichiana (Bren) Patch sowing of Kail, Red Clover grass seeds etc.					
е	Silvicultural Ope	ration	The land operation				t require any silviculture	
f	Soil and moisture	conservation works	Minor Se	oil Cons	ervation	Works like G	Gully plugging will be done tone masnory.	
g	Protection (Fenci	ng , watch & ward, People's participation etc)	The area and ware			d by Fencing,	, people participation, watch	
h	Proposed Monito	ring Mechanism	regularily	monito	ored by t		the Govt. The site will be ge Officers and other field staff	
i	Any other inform	ation	Nil					

Ab. Bashi Block officer Range Officer Block Forest Officer Forest Rang Your Block Deddha 0

CIS Divisional Forest Officer Ramban Forest Division Ramban



Land Suitability Certificate

Full title of the project

File No: Date of Proposal: 4 Laning of Ramban Banihal Section of NH 44 (old NH1A) at CRITICAL LOCATIONS between km 151 and km 187 in the UT of Jammu & Kashmir FP/JK/ROAD/145108/2021 22-07-2021

It is certified that <u>14 Ha</u> land bearing survey no./compartment No. <u>09/R</u> of village <u>Nagnani Neel-D</u> Tehsil <u>Ramsoo</u> District <u>Ramban</u> identified for the Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachments.

Dated:-06-09-2021 Place:-Ramban

Block Off



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Divisional Forest Officer Ramban Forest Division Ramban



	COMPENSATORY AFTO	RESTATION PLAN (SITE							
Full title	e of the Forest land Diversion project		ban Banihal Section of NH 44 (old NH1A) at ATIONS between km 151 and km 187 in the UT hmir						
File No	:	FP/JK/ROAD/14	45108/2021						
Date of	Proposal:	22-07-2021							
	of the Forest Division (where forest land is ed to be diverted):	Ramban Forest D	oivision						
Forest a	area to be diverted:	81.1717 ha (Road 34.6829 ha)	9.453 ha: T	unnel 3	7.0358 ha	: Muck Di	sposal Si		
Forest/	NFA to be planted		14	ha					
No. of t	trees to be felled	3267 Trees/Poles							
No. of I	poles/plants to be damaged	3267 Trees/Poles							
No. of	plants to be planted	11900							
Details	of land where C.A. is to be carried out:								
Degrad	led forest land	Yes	Area:		14		ha		
-	rest land	NA	Area:		NA				
	Division	Ramban							
Range		Ramban							
Compa		9/R							
	No. (for non-forest land)	NA Nagnani Neel-D							
	e (Name of the location):	Nagnani Neel-D		14	ha				
CA site	e Geo Coordinates:			14	па				
		Latitude:- 3	2001105 061	INI L	ongitude:	- 75°15'1	1 20"E		
(ii) Start	ting point		3°21'39.71"			e:- 75°15'1			
	of non-forest area identified for CA, then v				-		20.00 E		
	ooundary :	that is the distance of C	JA Site Hol	n the at	ŋonnig	1	NA		
a) Soil 1	type:		Black loan	n					
b) Top	ography: hilly/undulating/plain:		Hilly						
c) Slope	e: Steep/medium/gentle:		Medium						
d) For and der	non-forest land - description of existing veg nsity :	getation/root stock	NA						
	ase of degraded forest land- description of f	orest type and crown	13/C4 Western Himalayan dry high level blue pir forests and 0.15						
aensity			Neel-B & Reboisement WC						
	ne of Beat & Working circle			INCCI-L					
density (f) Nan S.No.			Area (in Ha)	Unit		Rate Per Rft.	Amoun (in Lac		
(f) Nan	ne of Beat & Working circle	e fixed 1 feet 6 inches to et and 4 strands of black			Rate/U	Rate Per			
(f) Nan S.No.	ne of Beat & Working circle Description Fencing using Wooden Fence Posts of le minimum mid girth of more than 8 inch to b 2 feet deep in the ground at a spacing of 8 fe	e fixed 1 feet 6 inches to et and 4 strands of black oduct code BA-BW.	Ha)	Unit	Rate/U nit	Rate Per Rft.	(in Lac 4.0992		
(f) Nan S.No. 1 2 3	ne of Beat & Working circle Description Fencing using Wooden Fence Posts of le minimum mid girth of more than 8 inch to b 2 feet deep in the ground at a spacing of 8 fe annealed Barbed Wire conforming to the pro Planting of polybagged plants in pits (45 x 45 Wallichiana (Kail), Quercus incana (Banj), M (Dhreenkh) and other broad leaved species. Planting of Naked Root plants in pits (45 x 4 local species like Rubinia, Melia, Apricot etc.	e fixed 1 feet 6 inches to et and 4 strands of black oduct code BA-BW. 5 x 45 Cms) of Pinus elia azarachtica 5 x 45 Cms) of species	Ha)	Unit rft No. No.	Rate/Unit 6000 6000 5900	Rate Per Rft. 68.32 40.03 40.03	(in Lac 4.0992 2.4018 2.3617		
(f) Nan S.No. 1 2	ne of Beat & Working circle Description Fencing using Wooden Fence Posts of leminimum mid girth of more than 8 inch to be 2 feet deep in the ground at a spacing of 8 feannealed Barbed Wire conforming to the proceed of the	e fixed 1 feet 6 inches to et and 4 strands of black oduct code BA-BW. 5 x 45 Cms) of Pinus elia azarachtica 5 x 45 Cms) of species	Ha)	Unit rft No.	Rate/Unit 6000 6000	Rate Per Rft. 68.32 40.03	(in Lac		
(f) Nan S.No. 1 2 3	ne of Beat & Working circle Description Fencing using Wooden Fence Posts of le minimum mid girth of more than 8 inch to b 2 feet deep in the ground at a spacing of 8 fe annealed Barbed Wire conforming to the pro Planting of polybagged plants in pits (45 x 45 Wallichiana (Kail), Quercus incana (Banj), M (Dhreenkh) and other broad leaved species. Planting of Naked Root plants in pits (45 x 4 local species like Rubinia, Melia, Apricot etc.	e fixed 1 feet 6 inches to et and 4 strands of black oduct code BA-BW. 5 x 45 Cms) of Pinus elia azarachtica 5 x 45 Cms) of species 45 x 15 Cms)	Ha)	Unit rft No. No.	Rate/Unit 6000 6000 5900	Rate Per Rft. 68.32 40.03 40.03	(in Lac 4.0992 2.4018 2.3617		

ýć.	<u> </u>	2nd year maintenance of the plantation		2975	25%	LS	1.19089			
4		3rd year maintenance of the plantation	and the second se	1190	10%	LS	0.47636			
Ľ		4th year maintenance of the plantation		595	5%	LS	0.23818			
		5th year maintenance of the plantation	the second s	595	5%	LS	0.12009			
40	Maintenance of	6th year maintenance of the plantation		595	5%	LS	0.12009			
10	the closure for	7th year maintenance of the plantation		595	5%	LS	0.12009			
	10 years	8th year maintenance of the plantation		595	5%	LS	0.12009			
		9th year maintenance of the plantation		595	5%	LS	0.12009			
		10th year maintenance of the plantation		595	5%	LS	0.12009			
		Fencing repair	No.		6000	16.74	1.00440			
		Total					13.35975			
11	Overhead charges				10%	of CA	1.33597			
		G.Total					14.69572			
	III) Technical Detai	ls: - Technical details of Compensatory Affor	restation Sc	cheme a	re as follo	ows:-				
а	General details				4 strands of black annealed Barbed Wire conforming to the product code BA-BW. The species like Pinn Wallichiana (Kail) (Kail), Quercus incana (Banj), Melia azarachtica (Dhreenkh) and other broad leav species will be planted in the area					
b	Plantation method	Nursery grown 2-3 years old plants will be planted i the pit of size 45 cm*45 cm*45 cm. The plantation will be maintained for 10 years in which Beating Up of casualitites and repair of fencing will be done. The plantation will be rain fed.								
с	Spacing		2.5 mtrs*2.5 mtrs							
d	Species proposed to be planted			Pinus Wallichiana (Kail), Quercus incana (Banj), Melia azarachtica (Dhreenkh), Pinus excela (Kail), Ulmus wallichiana (Bren) Patch sowing of Kail, Red Clover grass seeds etc.						
e	Silvicultural Operatio	n	The land is alomost barren. It does not require any silviculture operation except protection							
f	Soil and moisture con	servation works	Minor Soil will be don stone masn	e where			lly plugging ry rubble			
g	Protection (Fencing,	watch & ward, People's participation etc)	The area w participatio							
		As per the policy/guidelines issued by the Govt. The site will be regularily monitored by the DFO/Rang Officers and other field staff as well as representating from GoI.								
h	Proposed Monitoring	Mechanism	the second s	d other	field staff	as well as 1	epresentativ			



C/s

Divisional Forest Officer Ramban Forest Division Ramban



Land Suitability Certificate

Full title of the project

File No: Date of Proposal: 4 Laning of Ramban Banihal Section of NH 44 (old NH1A) at CRITICAL LOCATIONS between km 151 and km 187 in the UT of Jammu & Kashmir FP/JK/ROAD/145108/2021 22-07-2021

It is certified that <u>11 Ha</u> land bearing survey no./compartment No. <u>09/R</u> of village <u>Sargali Neel-D</u> Tehsil <u>Pogal Paristan</u> District <u>Ramban</u> identified for the Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachments.

Dated:-06-09-2021 Place:-Ramban

Block Forest Block



C/5

Divisional Forest Officer Ramban Forest Division Ramban

	COMPENSATORY AFFOREST		(SITE 9/Rb	n Sargal	i Neel)			
Full tit	le of the Forest land Diversion project	4 Laning of Ramban Banihal Section of NH 44 (old NH at CRITICAL LOCATIONS between km 151 and km 18 the UT of Jammu & Kashmir						
File No):	FP/JK/ROAD/145108/2021						
Date of	f Proposal:	22-07-2021						
	of the Forest Division (where forest land is ed to be diverted):	Ramban Fo	rest Divisio	on				
	area to be diverted:	81.1717 ha (I Disposal Sit			nnel 37.0358	ha: Mu	ıck	
Forest	NFA to be planted			ha				
	trees to be felled	3267 Trees/						
No. of	poles/plants to be damaged	3267 Trees/						
	plants to be planted	9900	roles					
		9900						
	of land where C.A. is to be carried out:	1	1.		1		1.	
	led forest land	Yes	Area:			11	ha	
	prest land	NA	Area:		NA			
	Division	Ramban	<u></u>					
Range		Ramban						
-	rtment	9/R						
	No. (for non-forest land)	NA						
C.A Sit	e (Name of the location):	Sargali Neel	-D					
CA site	(Area)			11	ha			
C.A Sit	e Geo Coordinates:							
(i) Star	ting point		Latitude:- 33°22'24.32"N Longitude:- 75°16'23.86"E					
(ii) End	1 Point	Latitude:-	:- 33°22'25.03"N Longitude:- 75°16'8.95"E					
	of non-forest area identified for CA, then w ng forest boundary :	hat is the dist	stance of C.A site from the NA					
a) Soil	type:		Gravely black loam					
b) Top	ography: hilly/undulating/plain:		Hilly					
c) Slop	e: Steep/medium/gentle:		Medium					
A CONTRACT OF	non-forest land - description of existing veg nd density :	etation/root	NA					
and cro	ase of degraded forest land- description of fo own density:	orest type	13/C4 Western Himalayan dry high level blue pine forests and 0.10					
(f) Nan	ne of Beat & Working circle			Neel-B	& Reboisem	ent WC		
S.No.	Description		Area (in Ha)	Unit	Rate/Unit	Rate Per Rft.	Amount (in Lacs)	
1	Fencing using Wooden Fence Posts of length =1.85 metres, minimum mid girth of more than 8 inch to be fixed 1 feet 6 inches to 2 feet deep in the ground at a spacing of 8 feet and 4 strands of black annealed Barbed Wire conforming to the product code BA-BW.		11	rft	4300	68.32	2.93776	

a b	Plantation method Spacing	1	strands of to the p Cedrus de Que (Dhreenk Nursery g in the pit plantation Beating U	code BA-B f black ann product cc eodara (De rcus incan ch) and oth plan rown 2-3 of size 45 a will be m p of casua The planta	arbed Wire of W. at space healed Barb bode BA-BW eodar), Pinu a (Banj), M her broad le nted in the years old pl cm*45 cm* aintained for litites and r tion will be	conformin ing of 10 ed Wire c 7. The spe us wallichi elia azarad aved spec area ants will h 45 cm. Th or 10 year epair of f	g Woode strands o ng to the feet and onformin cies like ana (Kail chtica cies will b pe plantee ne s in which
а			strands of to the p Cedrus de Que	code BA-B f black ann product co eodara (De rcus incan ch) and oth	W. at spac nealed Barb ode BA-BW codar), Pinu a (Banj), M ner broad le	conformin ing of 10 ed Wire c 7. The spe 15 wallichi elia azarad aved spec	g Woode strands o ng to the feet and onformin cies like ana (Kail chtica
	General details		taken und in Co 9 / compac area will b Fence Po	der Compo 'R Sargali at Block. T be fenced b bests at space	vith crown ensatory Af i in Ramba he area will by using Fer cing of 10 fo	forestatio n Range be fenced ncing usin	n Schem n a singl
	III) Technical D	G.Total etails: - Technical details of Compensa	tory Affor	estation S	cheme are	as follow	11.4521 vs:-
11	Overhead charges				10% o	f CA	1.0411
		Total					10.4110
		Fencing repair			4300	16.74	0.7198
		10th year maintenance of the plantation		495	5%	LS	0.0800
		9th year maintenance of the plantation		495	5%	LS	0.0800
	10 years	8th year maintenance of the plantation		495	5%	LS	0.0800
10	the closure for	6th year maintenance of the plantation 7th year maintenance of the plantation		495 495	<u> </u>	LS LS	0.0800
	Maintenance of	5th year maintenance of the plantation		495	5%	LS	0.0800
		4th year maintenance of the plantation	and the second se	495	5%	LS	0.1981
		3rd year maintenance of the plantation		990	10%	LS	0.3963
	1	2nd year maintenance of the plantation		2475	25%	LS	0.9907
9	Construction of standard specificat	inspection Path 1.00 meter wide with tion.		km	1	36971	0.3697
7		conifers etc. (45 x 45 x 15 Cms)		No.	2000	6.99	0.1398
6		es of HC nuts etc.(45 x 45 x 15 Cms)		No.	3000	7.18	0.2154
	species local specie	Root plants in pits (45 x 45 x 45 Cms) of es like Rubinia, Melia, Apricot etc.		No.	5900	40.03	2.3617
3	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Pinus walllichiana (Kail), Quercus incana (Banj), Melia azarachtica (Dhreenkh) and other broad leaved species.			No.	4000	40.03	1.6012

d	Species proposed to be planted	Cedrus deodar (Deodar), Quercus incana (Banj), Melia azarachtica (Dhreenkh), Pinus Pinus wallichiana (Kail), Ulmus wallichiana (Bren) Patch sowing of Kail, Red Clover grass seeds etc.
е	Silvicultural Operation	The land is alomost barren. It does not require any silviculture operation except protection
f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done whereever required using dry rubble stone masnory.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularily monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Block Officer

Range Officer TesRange Officeramban

C/S

Divisional Forest Officer Ramban Forest Division Ramban



Land Suitability Certificate

Full title of the project

File No: Date of Proposal: 4 Laning of Ramban Banihal Section of NH 44 (old NH1A) at CRITICAL LOCATIONS between km 151 and km 187 in the UT of Jammu & Kashmir FP/JK/ROAD/145108/2021 22-07-2021

It is certified that 14 Ha land bearing survey no./compartment No. 19/R of village Googli Dhar Hochak Tehsil Pogal Paristan District Ramban identified for the Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachments.

Dated:-06-09-2021 Place:-Ramban



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	COMPENSATORY AFFORES	TATION PLAN (SIT	E 19A/R G	oogli Dl	nar)			
Full titl	e of the Forest land Diversion project	4 Laning of Ramban Banihal Section of NH 44 (old NH1A) at CRITICAL LOCATIONS between km 151 and km 187 in the UT of Jammu & Kashmir						
File No):	FP/JK/ROAD	/145108/20	21				
File No:FP/JK/ROADate of Proposal:22-07-2021								
	of the Forest Division (where forest land is		D: · ·					
	ed to be diverted):	Ramban Forest	Division					
Forest a	area to be diverted:	81.1717 ha (Road Site 34.6829 ha)		: Tunne	1 37.0358	ha: Muck	Disposal	
Forest/	/NFA to be planted		14	ha				
No. of	trees to be felled	3267 Trees/Pol	es					
No. of	poles/plants to be damaged	3267 Trees/Pol						
	plants to be planted						<u></u>	
		11900						
	of land where C.A. is to be carried out:				1			
	led forest land	Yes	Area:			14	ha	
	rest land	NA	Area:		NA			
	Division	Ramban						
Range		Ramban						
	rtment	19A/Rbn						
	No. (for non-forest land)	NA						
	e (Name of the location):	Googli Dhar Ho	ochak					
and the second	e (Area)			14	ha			
	e Geo Coordinates:							
(i) Stari (ii) Enc	ting point	Latitude:-			ongitude		58.93"E	
In case	of non-forest area identified for CA, then what ng forest boundary :	Latitude:- t is the distance of	33°20'3.8 f C.A site fr Black Loar	rom the	Longitude		30.19"E NA	
	ography: hilly/undulating/plain:		Hilly					
	e: Steep/medium/gentle:		Medium					
d) For a and der	non-forest land - description of existing vegeta nsity :	tion/root stock	NA					
	ase of degraded forest land- description of fores density:	st type and	13/C4 Western Himalayan dry high level blue pin forests and 0.15					
(f) Nan	ne of Beat & Working circle			Pogal-I	3 & Rebo	isement W	С	
S.No.	Description		Area (in Ha)	Unit	Rate/U nit	Rate Per Rft.	Amount (in Lacs)	
1	Fencing using Wooden Fence Posts of length =1.85 metres, minimum mid girth of more than 8 inch to be fixed 1 feet 6 inches to 2 feet deep in the ground at a spacing of 8 feet and 4 strands of black annealed Barbed Wire conforming to the product code BA- BW.		14	rft	6300	68.32	4.30416	
2	Planting of polybagged plants in pits (45 x 45 x 4 Cedrus deodara (Deodar), Pinus wallichiana (Kai leaved species.			No.	5000	40.03	2.00150	
3	Planting of Naked Root plants in pits (45 x 45 x local species like Rubinia, Ulmus, Apricot etc.	45 Cms) of species		No.	6900	40.03	2.76207	
6	Dibbling in Patches of HC nuts etc. (45 x 45 x 1)	5 Cms)		No.	4000	7.18	0.28720	
7	Sowing in Patches conifers etc (45 x 45 x 15 Cm	s)		No.	3000	6.99	0.20970	
	Sowing in Patches conifers etc (45 x 45 x 15 Cms)							
9	Construction of inspection Path 1.00 meter w specification.	vide with standard		km	1	36971	0.36971	

		3rd year maintenance of the plantation	ı	1190	10%	LS	0.47636	
		4th year maintenance of the plantation		595	5%	LS	0.23818	
		5th year maintenance of the plantation		595	5%	LS	0.10008	
10	Maintenance of	6th year maintenance of the plantation	and the second se	595	5%	LS	0.10008	
10	the closure for	7th year maintenance of the plantation		595	5%	LS	0.10008	
	10 years	8th year maintenance of the plantation		595	5%	LS	0.10008	
		9th year maintenance of the plantation		595	5%	LS	0.10008	
		10th year maintenance of the plantation		595	5%	LS	0.10008	
		Fencing repair	and the second se		6300	16.74	1.05462	
		Total			0000	10.11	13.49484	
11	Overhead charges				10%	of CA	1.34948	
		G.Total					14.84432	
	III) Technical Detai	ils: - Technical details of Compensatory A	fforestation	Scheme	e are as fo	ollows:-		
а	General details		 taken under Compensatory Afforestation Schemer Co 19A/R in Ramban Range in a single compace Block. The area will be fenced by using Fencing using Wooden Fence Posts of length =1.85 metr minimum mid girth of more than 8 inch to be fix 1 feet 6 inches to 2 feet deep in the ground at a spacing of 8 feet and 4 strands of black annealer Barbed Wire conforming to the product code BA BW. The species like Fir, Cedrus deodara (Deoda Pinus excela (Kail) and other broad leaved species will be planted in the area. Naked Root plants of species local species like Rubinia, Ulmus, Apricot will also be planted. 					
b	Plantation method		Nursery grown 2-3 years old plants will be planted the pit of size 45 cm*45 cm*45 cm. The plantatic will be maintained for 10 years in which Beating U of casualitites and repair of fencing will be done. T plantation will be rain fed.					
с	Spacing		2.5 mtrs*2.5 mtrs					
d	Species proposed to b	e planted	Fir, Cedrus deodara (Deodar), Pinus wallichian (Kail) and other broad leaved species and Nake Root plants of species local species like Rubinia Ulmus, Apricot etc. will also be planted.					
e	Silvicultural Operatio	'n	The land is alomost barren. It does not require an silviculture operation except protection					
f	Soil and moisture con	servation works	Minor Soil Conservation Works like Gully pluggi will be done whereever required using dry rubbl stone masnory.					
-		watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc					
g	Protection (Fencing,		As per the policy/guidelines issued by the Govt. T site will be regularily monitored by the DFO/Rang Officers and other field staff as well as representati from GoI.				stall etc	
g h	Protection (Fencing,	Mechanism	As per the site will be	policy/g e regulari	ly monito field staff	issued by t red by the as well as	he Govt. T DFO/Rang	

Block Officer Dogel Range Officer der A6. Majid Naik Forester Block Officer....popal



Land Suitability Certificate

Full title of the project

File No: Date of Proposal: 4 Laning of Ramban Banihal Section of NH 44 (old NH1A) at CRITICAL LOCATIONS between km 151 and km 187 in the UT of Jammu & Kashmir FP/JK/ROAD/145108/2021 22-07-2021

It is certified that <u>6 Ha</u> land bearing survey no./compartment No. <u>42/R</u> of village <u>Dodla</u> <u>Balhote</u> Tehsil <u>Ramban</u> District <u>Ramban</u> identified for the Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachments.

Dated:-06-09-2021 Place:-Ramban

Block Officer Block Officer Forest Block Ramban

Range Officer Ramban orest Range F

CIS

	COMPENSATORY A	FFORESTATION PLAN	I (SITE 42/R	bn)					
Full title	tle of the Forest land Diversion project tle of the Forest land Diversion project 4 Laning of Ramban Banihal Section of NH 44 (old NH1A) CRITICAL LOCATIONS between km 151 and km 187 in th of Jammu & Kashmir								
File No:		of Jammu & Kashmir FP/JK/ROAD/145108/2021							
	No: FP/JK/ROAD/145108/2021 of Proposal: 22-07-2021								
	f the Forest Division (where forest land is d to be diverted):	Ramban Forest D	oivision						
Forest a	rea to be diverted:	81.1717 ha (Road 34.6829 ha)	9.453 ha: T	unnel 3	7.0358 ha	: Muck Di	sposal Site		
Forest/1	NFA to be planted		6	ha					
No. of t	rees to be felled	3267 Trees/Poles							
No. of p	ooles/plants to be damaged	3267 Trees/Poles							
	plants to be planted	5100							
-	of land where C.A. is to be carried out:	5100							
	ed forest land	Yes	Area:		6	11	ha		
-	rest land	NA	Area:		NA				
Forest I		Ramban	<u></u>						
Range :		Ramban							
Compar		42/Rbn							
Khasra l	No. (for non-forest land)	NA							
C.A Site	e (Name of the location):	Dodla Nabul Ball	Dodla Nabul Balhote						
CA site	(Area)			6	ha				
C.A Site	e Geo Coordinates:								
(i) Starti	ing point	Latitude:- 3	33°16'48.00'	'N Lo	ongitude:	- 75°13'43	.19"E		
(ii) End	Point	Latitude:-	33°16'47.41'	'N 1	Longitude	e:- 75°13'5	4.64"E		
	of non-forest area identified for CA, then wha oundary :	t is the distance of C	C.A site from	n the ac	ljoining	I	NA		
a) Soil t	уре:		Black sandy loam						
b) Topo	ography: hilly/undulating/plain:		Hilly						
c) Slope	e: Steep/medium/gentle:		Medium						
d) For n and den	non-forest land - description of existing vegets nsity :	ation/root stock	NA						
e) In cas density:	se of degraded forest land- description of fore	est type and crown	Himalayan temperate secondary forests and 0.15						
(f) Nam	ne of Beat & Working circle		Digdole-B & Reboisement WC						
S.No.	Description		Area (in Ha)	Unit	Rate/U nit	Rate Per Rft.	Amount (in Lacs)		
1	Using Square PCC Fence Posts :- Using Squ conforming to product code PCFP-4 at spacing strands of black annealed Barbed Wire conform code BA-BW. At least every 8th fence post alor line and every fence posts at the corner be fixed concrete block of size 1'6"x1'x1'.	of 10 feet and 4 ing to the product ng the straight fence	6	rft	4000	72.78	2.91120		
2	Planting of polybagged plants in pits (45 x 45 x deodara (Deodar), Pinus Wallichiana (Kail), Qu Melia azarachtica (Dhreenkh), Alianthus and ot species.	ercus incana (Banj),		No.	3000	40.03	1.2009 0		

2	Planting of polybagged plants in pits (45 x 45 x 45 Cms) of Cedrus deodara (Deodar), Pinus Wallichiana (Kail), Quercus incana (Banj), Melia azarachtica (Dhreenkh), Alianthus and other broad leaved species.			No.	3000	40.03	1.20090
3		ot plants in pits (45 x 45 x 45 Cms) of species nia, Melia, Ulmus, Apricot etc.		No.	2100	40.03	0.84063
6	Dibbling in Patches of	Oak, HC etc. (45 x 45 x 15 Cms)		No.	1800	7.18	0.12924
7	Sowing in Patches San	tha, conifers etc. (45 x 45 x 15 Cms)		No.	1800	6.99	0.12582
9		ection Path 1.00 meter wide with standard		km	0.5	36971	0.18486
		2nd year maintenance of the plantation		1275	25%	LS	0.51038
		3rd year maintenance of the plantation		510	10%	LS	0.20415
		4th year maintenance of the plantation		255	5%	LS	0.10208
		5th year maintenance of the plantation		255	5%	LS	0.06005
10	Maintenance of	6th year maintenance of the plantation		255	5%	LS	0.06005
10	the closure for	7th year maintenance of the plantation		255	5%	LS	0.06005
	10 years	8th year maintenance of the plantation		255	5%	LS	0.06005
		9th year maintenance of the plantation		255	5%	LS	0.06005
		10th year maintenance of the plantation		255	5%	LS	0.06005
		Fencing repair	No.		4000	16.74	0.66960
		Total					7.23913
11	Overhead charges				10%	of CA	0.72391
							7.96304
	III) Technical Detai	G.Total ls: - Technical details of Compensatory Affor	An area of under Con	6 ha wit	h crown o ry Affores	density <u>0.15</u> station Sch	5 will be take eme in Co
a	III) Technical Detai		An area of under Con 42/R in R The area w Posts conf spacing of Barbed Wi BW. The s Pinus Pinu (Banj), Me	<u>6 ha</u> witi appensator amban I rill be fen orming to 10 feet a re confo pecies lik is Wallicl lia azarac	h crown o ry Affores Xange in a loced by us o product nd 4 strar rming to the Cedrus niana (Ka chtica (Dh	density <u>0.15</u> station Scho single con	will be taken eme in Co npact Block. PCC Fence P-4 at c annealed t code BA- Deodar), is incana d other
a			An area of under Con 42/R in R The area w Posts conf spacing of Barbed Wi BW. The s Pinus Pinu (Banj), Me broad leav Nursery gr the pit of s will be ma	6 ha witi apensator amban I rill be fen orming to 10 feet a re confor pecies lik is Wallicl lia azaraci ed specie cown 2-3 size 45 cr intained ites and r	h crown o ry Affores Yange in a loced by us o product nd 4 strar rming to t ce Cedrus hiana (Ka htica (Dh s will be p years old n*45 cm* for 10 yea repair of f	density 0.15 station Schu sing Square t code PCF nds of black the produce deodara (I ill), Quercu preenkh) an planted in t plants will 45 cm. The urs in whick	will be taker eme in Co npact Block. PCC Fence P-4 at c annealed t code BA- Deodar), is incana d other
	General details		An area of under Con 42/R in R The area w Posts conf spacing of Barbed Wi BW. The s Pinus Pinu (Banj), Me broad leav Nursery gy the pit of s will be ma of casualit	6 ha witi apensator amban I rill be fen orming to 10 feet a re confor pecies lik is Wallich lia azarac ed specie cown 2-3 size 45 cr intained ites and r will be ra	h crown o ry Affores Yange in a loced by us o product nd 4 strar rming to t ce Cedrus hiana (Ka htica (Dh s will be p years old n*45 cm* for 10 yea repair of f	density 0.15 station Schu sing Square t code PCF nds of black the produce deodara (I ill), Quercu preenkh) an planted in t plants will 45 cm. The urs in whick	will be taker eme in Co npact Block. PCC Fence P-4 at x annealed t code BA- Deodar), is incana d other the area be planted in e plantation a Beating Up
b	General details Plantation method	ls: - Technical details of Compensatory Affor	An area of under Con 42/R in R The area w Posts conf spacing of Barbed Wi BW. The s Pinus Pinu (Banj), Me broad leav Nursery gr the pit of s will be ma of casualit plantation 2.5 mtrs*2 Cedrus de Melia azar	6 ha wit apensator amban I vill be fen orming to 10 feet a re confor pecies lik us Wallich lia azarac ed specie cown 2-3 size 45 cr intained ites and r will be ra 2.5 mtrs odar (De achtica (I llichiana	h crown o ry Affores Range in a acced by us o product and 4 strar rming to 1 the Cedrus hiana (Ka chtica (Dh cs will be p years old n*45 cm* for 10 yea repair of f ain fed. odar), Qu Dhreenkh (Bren) Pa	density 0.15 station Sch- sing Square t code PCF ads of black the produce deodara (I ii), Quercu reenkh) an planted in t plants will 45 cm. The encing will encing will nercus incar	will be taken eme in Co npact Block. PCC Fence P-4 at x annealed t code BA- Deodar), is incana d other he area be planted in e plantation a Beating Up be done. The na (Banj),

f	Soil and moisture conservation works	Minor Soil Conservation Works like Gully plugging will be done whereever required using dry rubble stone masnory.
g	Protection (Fencing, watch & ward, People's participation etc)	The area will be protected by Fencing, people participation, watch and ward by staff etc
h	Proposed Monitoring Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularily monitored by the DFO/Range Officers and other field staff as well as representative from GoI.
i	Any other information	Nil

Block Officer Forest Block Ramban

2.4

Porest Range Ramban

C/S Divisional Forest Officer Ramban Forest Division Ramban



Land Suitability Certificate

Full title of the project

File No: Date of Proposal:

4 Laning of Ramban Banihal Section of NH 44 (old NH1A) at CRITICAL LOCATIONS between km 151 and km 187 in the UT of Jammu & Kashmir FP/JK/ROAD/145108/2021 22-07-2021

It is certified that **8 Ha** land bearing survey no./compartment No. <u>58/Ar</u> of village <u>Hill</u> Dachan Gool Tehsil Gool District Ramban identified for the Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachments.

Dated:- 06-09-2021 Place:- Ramban

Block Officer Block Deddha

Qfficer Range Offic Forest Range Genek

 C_{1}

Divisional Forest Officer Ramban Forest Division Ramban



	COMPENSATO	RY AFFORESTATION	I PLAN (SIT	E)				
Full title	4 Laning of Ramban Banihal Section of NH 44 (old NH1A) at CRITIC LOCATIONS between km 151 and km 187 in the UT of Jammu & Kashmir							
File No:								
Date of	Date of Proposal: 22-07-2021							
	f the Forest Division (where forest land is d to be diverted):	Ramban Forest Div	vision					
Forest a	rea to be diverted:	78.7877						
Forest/	NFA to be planted		8	ha				
No. of t	rees to be felled	1553						
No. of p	ooles/plants to be damaged	1585						
No. of p	lants to be planted	7200						
Details	of land where C.A. is to be carried out:	<u> </u>						
Degrade	ed forest land	Yes	Area:			8	ha	
Non-for		NA	Area:		NA			
Forest I	Division	Ramban						
Range :		Gool						
Compar		58/Ar						
	No. (for non-forest land)	NA						
	(Name of the location):	Hill Dachan Gool						
CA site				8	ha			
	Geo Coordinates:		2201 11 12			405010 401	15	
	ing point				Longitude:-7			
(ii) End					Longitude:-74	1°59'40.87	"Е	
	of non-forest area identified for CA, then what a pundary :	is the distance of C	.A site from	n the ac	ijoining		NA	
a) Soil t			Black					
	graphy: hilly/undulating/plain:		Hilly					
	: Steep/medium/gentle:		Medium					
. –	on-forest land - description of existing vegetati	ion/root stock	NA					
	se of degraded forest land- description of forest	type and crown	12/C1/DS2-Himalayan Temperate Secondary Forest and 0.20					
	e of Beat & Working circle		Dachan & Kail Selection WC					
()	0							
S.No.	Description		Area (in Ha)	Unit	Rate/Unit	Rate Per Rft.	Amount (in Lacs)	
1	conforming to product code PCFP-4 at spacing of strands of black annealed Barbed Wire conformin code BA-BW. At least every 8th fence post along	Using Square PCC Fence Posts :- Using Square PCC Fence Posts conforming to product code PCFP-4 at spacing of 10 feet and 4 strands of black annealed Barbed Wire conforming to the product code BA-BW. At least every 8th fence post along the straight fence line and every fence posts at the corner be fixed in the cement concrete block of size 15("x1'x1')		rft	3500	72.78	2.54730	
2	Planting of polybagged plants in pits (45 x 45 x 45 Cedrus deodara (Deodar), Pinus excela (Kail), Mor azarachtica (Dhreenkh) and other broad leaved sp	ru, Melia		No.	2500	40.03	1.00075	
3	Planting of Naked Root plants in pits (45 x 45 x 4 local species like Rubinia, Melia, Ulmus, Apricot e	, 1		No.	2000	40.03	0.80060	
	Dibbling in Patches of HC nuts (45 x 45 x 15 Cms			No.	1500	7.18	0.10770	
6							0.40.40.5	
6 7	Sowing in Patches conifers etc (45 x 45 x 15 Cms)		No.	1500	6.99	0.10485		
	, , , , , , , , , , , , , , , , , , ,			No. km	0.5	6.99 36971	0.10485	

		2.1	1	1405	250/	TC	0.45024
		2nd year maintenance of the plantation		1125	25% 10%	LS LS	0.45034
		3rd year maintenance of the plantation		450 225	5%	LS	0.18014
		4th year maintenance of the plantation 5th year maintenance of the plantation		225	5%	LS	0.09007
	Maintenance of	6th year maintenance of the plantation		225	5%	LS	0.05004
10	the closure for	7th year maintenance of the plantation		225	5%	LS	0.05004
	10 years	8th year maintenance of the plantation		225	5%	LS	0.05004
		9th year maintenance of the plantation		225	5%	LS	0.05004
		10th year maintenance of the plantation		225	5%	LS	0.05004
		Fencing repair	No.	225	3500	16.74	0.58590
		Total	110.		5500	10.74	7.01212
11	Overhead charges	Total			10% c	of CA	0.701212
11	Overnead charges	G.Total			10700		7.71333
	III) Technical Det	ails: - Technical details of Compensatory Affo	restation	Scheme a	e as follow		7.71333
a b	General details Plantation method			mpensator Gool Rang e fenced b ng to produ strands of ng to the p edrus deoc lia azarach ecies will be rown 2-3 y 45 cm*45 d for 10 ye	cm*45 cm. ars in which r of fencing	ion Scheme compact B are PCC Fer FP-4 at spa- aled Barbed BA-BW. T r), Pinus exc alkh) and oth the area nts will be p The plantat	in Co lock. The nee Posts cing of 10 Wire he species cela (Kail), ner broad
С	Spacing		2.5 mtrs+2	2.5 mtrs			
d	Species proposed to be planted Fir, Cedrus deodar (Deodar), Moru, Melia a (Dhreenkh), Pinus excela (Kail), Ulmus wall (Bren) Patch sowing of conifers etc.						
е	Silvicultural Operati	on	It does not require any silviculture operation except protection				
f	Soil and moisture co	oil and moisture conservation works be done whereever required using dry rubbl masnory.			e stone		
g	Protection (Fencing	, watch & ward, People's participation etc)			ected by Fe and ward by		ole
h	Proposed Monitorin	g Mechanism	As per the policy/guidelines issued by the Govt. The site will be regularily monitored by the DFO/Range Officers and other field staff as well as representative from GoI.				
			Hom Gor	•			

Range Officer Gool

hysic C Divisional Forest Officer Ramban Forest Division Ramban