

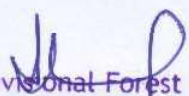
CHECKLIST

Name of the Proposal : Improvement and upgradation of Mantalai Dudu road KM 1st to 5th.

Proposal No. : FP/JK/ROAD/45330/2020

Division : Forest Division Udhampur

S. No.	Particulars	Document enclosed (Yes/No)
1	Fill the Form-A (Part-II)	Yes (Page No.1-3)
2	Joint Inspection by the representative of DFO and Project Authority and authentication of:	
	(i) inspection report	Yes (Page No.4)
	(ii) enumeration list of trees/poles on the forest	Yes (Page No.5-6)
	(iii) calculation of area (length and width) of forest land involved	Yes (Page No.7)
	(iv) Layout plan with dimensions	Yes (Page No.8)
3	Certificate that all alternatives have been explored and the proposed forest land is the minimum land required for the project, as per format (attached) .	Yes (Page No.9)
4	C.A. Proposal approved by the competent authority	Yes (Page No.10-12)
5	Geo-reference map of CA site	Yes (Page No.13-15)
6	Suitability certificate from the DFO regarding area proposed for CA (degraded forest land/non-forest land) suitable from management point of view, as per the format (attached)	Yes (Page No.16)
7	Calculation sheet of NPV	Yes (Page No.17)
8	Calculation sheet of Extraction charges	Yes (Page No.18)
9	Undertaking by User Agency to pay the following for the forest land involved duly countersigned by DFO as per the format (attached).	
	a) C.A,	Yes (Page No.19)
	b) the Net Present Value (NPV)	Yes (Page No.20)
	c) Additional Net Present Value (NPV) if any,	
10	All proposals involving forest land more than 5 Ha (except for defence and building construction related cases) shall include a cost-benefit analysis, as per the format.	NA
11	Site inspection report of DFO as per the format (attached)	Yes (Page No.21)
12	Muck disposal plan	NA
13	Specific recommendation of DFO	Yes (Page No.22)
14	Violation report, if any	Nil


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur


(To be uploaded as additional document in Part-I)


CHECKLIST

Name of the Proposal FP/JK/ROAD/45330/2020

Division Udhampur User Agency P.W.D (R&B) Dept.

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


Divisional Forest Officer
Udhampur Forest Division
Udhampur


User Agency Engineer
PWD (R&B) Division
Udhampur

①

Improvement and upgradation of Mantalai Dudu road KM 1st to 5th

Proposal No. FP/JK/ROAD/45330/2020

PART-II

Location of the Project/Scheme

1.				
i	State/ Union Territory	Jammu and Kashmir		
ii	District	Udhampur		
iii	Forest Division	Udhampur		
iv	Area of the forest land proposed for Diversion (in Hact)	0.28 Hectare		
v	Category	Road		
2.	Legal Status Forest	Reserved (Demarcated)		
i	Density of Vegetation:	0.5		
3	District wise Area to be diverted	Name of District	Area to be diverted (In Ha.)	
		Udhampur	0.28	
4	Details of Vegetation available in the forest land proposed for diversion	Pinus wallichiana (Kail), Quercus Incana (Banj)		
i	Density of Vegetation			
		S. No.	Area (In Ha.)	Density
		1	0.28	0.5
				Eco-Class
				V
ii	Species-wise(Scientific names) and diameter class-wise enumeration of trees (to be enclosed).In case of Irrigation/ hydro projects enumeration at FRL, FRL-2 meter & FRL-1 meter also be enclosed	List Enclosed		
5	Working plan prescription for the forest land proposed for diversion	Compartments involved in forest land proposed for diversion are 110c/D of Dudu Range falls under Deodar/Kail Working Circle Prescriptions proposed: Prescriptions proposed: These forests shall be worked under the selection system. This is most important working circle, as the crop managed under it is highly valuable from economic point of view.		
6	Brief on Vulnerability of the forest area to erosion.	As the terrain is hilly, all possible preventive measures will have to be taken by the user agency for preventing the possibility of soil erosion.		
7	Approximate distance of the proposed site for diversion from boundary of forest (in km.)	0/0 Km.		
8	Significance of the forest land proposed for diversion from wildlife point of view			
i	Details of wildlife present in and around the forest land proposed for diversion	NA		

ii	Whether forms part of national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc.	No												
iii	Whether the forest land proposed for diversion is located within eco-sensitive zone (ESZ) of the Protected Area notified under Wildlife(Protection) Act,1972 (Note: In case, ESZ of a Protected Area is not notified, then, 10kms distance from boundary of the Protected Area should be treated as ESZ)	No												
iv	Whether any national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc., is located within 1 Km. from boundary of the forest land proposed for diversion	No Yes (Sudh-Mahadev conservation Reserve)												
v	Whether any rare/endangered/unique species of flora and fauna found in the area	No												
9	Details of any protected archaeological/heritage site/ defence establishment or any other important monument located in the area, if any	No												
i	Whether any protected archaeological/ heritage site/defence establishment or any other important monument is located in the area	No												
10	Comment as to the reasonability of the extent of the forest land proposed for diversion													
i	Whether the requirement of forest land as proposed by the user agency is unavoidable and bare minimum for the project	Yes												
11	Details of violation(s), if any, committed	No												
i	Whether any work in violation of the Act or guidelines issued under the Act has been carried out	No												
12	Whether work in violation is still in progress (Yes/No)	No												
13	Details of compensatory afforestation scheme	CA Scheme Attached												
i	Patch wise details for Degraded Area (to be earmarked by DFO)													
	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Patch No.</th> <th>Area in Ha.</th> <th>Name of PF/ RF</th> <th>Range</th> <th>Compartment</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>1</td> <td>0.74</td> <td>Bandar</td> <td>Dudu</td> <td>110c/D</td> </tr> </tbody> </table>	S. No.	Patch No.	Area in Ha.	Name of PF/ RF	Range	Compartment	1.	1	0.74	Bandar	Dudu	110c/D	
S. No.	Patch No.	Area in Ha.	Name of PF/ RF	Range	Compartment									
1.	1	0.74	Bandar	Dudu	110c/D									
Total Financial Outlay for CA : Rs.1,99,956.00/-														
ii	Copy of CA scheme details :													
14	District Profile													
i	District Name	Udhampur												
ii	Geographical area of the District	238000 Ha.												
iii	ii) Forest area of the District	107079 Ha.												
iv	iii) Total forest area diverted since 1980 with number of cases.	123 Nos. (440.3564 Ha.)												

v	Total compensatory afforestation stipulated in the District/ Division since 1980	
	Progress of compensatory afforestation as on(date)	30-06-2021
	a) Forest land including penal compensatory afforestation	2992 Ha.
	b) Non forest land	0
vi	Progress of compensatory afforestation as on date	30-06-2021
	a) Forest Land	2992 Ha.
	b) Non Forest Land	0
15	Site inspection report of the DFO/CCF/Nodal Officer highlighting important facts pertaining to the forest land	Site Inspection Report Enclosed
i	Whether site inspected (Yes/ No)	Yes
ii	No. of Times Site Inspected	01 (One)
iii	Site Inspection Enclosed (Yes/ No)	Yes
16	Justification of land diversion	Justification Certificate Enclosed

Dated:
Place: Udhampur



Beat Guard
Beat Bupp



Block Forest Officer
Block Kud



Range Forest Officer
Dudu HQ-Chenani



Divisional Forest Officer
Udhampur Forest Division
Udhampur

JOINT INSPECTION REPORT
(For the Forest land to be diverted under FCA)

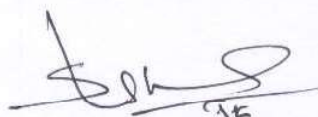
IMPROVEMENT AND UPGRADATION OF MANTALAI DUDU ROAD KM 1ST TO 5TH BY PUBLIC WORKS DEPARTMENT (R&B) DIVISION
UDHAMPUR

PROPOSAL NO. FP/JK/ROAD/45330/2020


Today on 29-11-2020 the undersigned alongwith the concerned Block Officer conducted the joint inspection with the representative of user agency PWD (R&B) Division Udhampur for "*Improvement and upgradation of Mantalai Dudu road KM 1st to 5th*". During Joint Inspection, following area of Territorial Forest Division Udhampur was found involved:

Range	Particulars	Comptt.	Forest area proposed for diversion (In Ha.)			
			Length (In Mtr.)	Width (In Mtr.)	Area in Sqm	Area in Ha.
Dudu	Total Area of the Road	110c/D	700	10	7000	0.70
	Area of already existing road		700	6	4200	0.42
	Net forest area proposed for upgradation		700	4	2800	0.28

- Further, on inspection of the site (as per the nishandehi given by the representative of user agency) it has been found that the land required by the user agency is a forest area measuring 0.28 Hectare of forest Compartments 110c/D of Dudu Range.
- The requirement of the forest land is proposed by the User agency is unavoidable and is barest minimum required for the Project.
- The User Agency has not violated the provisions of Forest Conservation Act, 1980 and no upgradation work has been started without proper sanction.


User Agency


Block Forest Officer
Kud Block


Range Forest Officer
Dudu HQ-Chenani

⑤ Abstract of Trees/Poles coming under the alignment of Improvement and Upgradation of Dudh-Manteli road KM Ist to 5th by PWD passing through G. 110 c/s.

Sr No	Scientific Name	Local Name	0-30 cm	31-60 cm	61-90 cm	91-120 cm	121-150 cm	>150 cm	Total
1)	Cedrus deodora	Deodak	-	1	-	-	-	-	01
2)	Pinus roxburghii	Chir	-	1	-	-	-	-	01
3)	Pinus wallichiana	Kail	-	4	13	16	7	1	41
4)	Quercus incana	Barij	-	-	-	-	-	1	01
	Total		-	6	13	16	7	2	44

Ward

B.O Kud

Ward

Office
Range Officer
Forest Range Officer
Dudh-Manteli

PS

Ward

Divisional Forest Officer
Udhampur Forest Division
Udhampur


ENUMERATION LIST OF TREES COMING UNDER THE ALIGNMENT PROPOSED FOR UPGRADEATION OF EXISTING ROAD MANTALAI TO DUDU KM 1ST TO 5TH PASSING THROUGH THE FOREST CO. 110c/D BY PWD DEPARTMENT.

S.No	Local Name	Botanical Name	Girth (in cm)	Dia Class	Remarks	S.No	Local Name	Botanical Name	Girth (in cm)	Dia Class	Remarks
1	Banj	Quercus incana	208	60-70	Green Standing	24	Kail	Pinus wallichiana	130	40-50	Green Standing
2	Kail	Pinus wallichiana	97	30-40	Green Standing	25	Kail	Pinus wallichiana	84	20-30	Green Standing
3	Kail	Pinus wallichiana	81	20-30	Green Standing	26	Kail	Pinus wallichiana	58	10-20	Green Standing
4	Kail	Pinus wallichiana	89	20-30	Green Standing	27	Kail	Pinus wallichiana	132	40-50	Green Standing
5	Kail	Pinus wallichiana	86	20-30	Green Standing	28	Kail	Pinus wallichiana	102	30-40	Green Standing
6	Kail	Pinus wallichiana	119	30-40	Green Standing	29	Kail	Pinus wallichiana	97	30-40	Green Standing
7	Kail	Pinus wallichiana	76	20-30	Green Standing	30	Kail	Pinus wallichiana	89	20-30	Green Standing
8	Kail	Pinus wallichiana	137	40-50	Green Standing	31	Kail	Pinus wallichiana	53	10-20	Green Standing
9	Kail	Pinus wallichiana	124	30-40	Green Standing	32	Kail	Pinus wallichiana	102	30-40	Green Standing
10	Kail	Pinus wallichiana	119	30-40	Green Standing	33	Kail	Pinus wallichiana	86	20-30	Green Standing
11	Kail	Pinus wallichiana	137	40-50	Green Standing	34	Kail	Pinus wallichiana	56	10-20	Green Standing
12	Kail	Pinus wallichiana	69	20-30	Green Standing	35	Kail	Pinus wallichiana	64	20-30	Green Standing
13	Kail	Pinus wallichiana	84	20-30	Green Standing	36	Kail	Pinus wallichiana	99	30-40	Green Standing
14	Kail	Pinus wallichiana	119	30-40	Green Standing	37	Kail	Pinus wallichiana	130	40-50	Green Standing
15	Kail	Pinus wallichiana	97	30-40	Green Standing	38	Deodar	Cedrus deodara	38	10-20	Green Standing
16	Kail	Pinus wallichiana	145	40-50	Green Standing	39	Kail	Pinus wallichiana	119	30-40	Green Standing
17	Kail	Pinus wallichiana	76	20-30	Green Standing	40	Kail	Pinus wallichiana	58	10-20	Green Standing
18	Kail	Pinus wallichiana	97	30-40	Green Standing	41	Kail	Pinus wallichiana	119	30-40	Green Standing
19	Kail	Pinus wallichiana	109	30-40	Green Standing	42	Kail	Pinus wallichiana	66	20-30	Green Standing
20	Kail	Pinus wallichiana	160	50-60	Green Standing	43	Chir	Pinus roxburghii	58	10-20	Green Standing
21	Kail	Pinus wallichiana	109	30-40	Green Standing	44	Kail	Pinus wallichiana	107	30-40	Green Standing
22	Kail	Pinus wallichiana	104	30-40	Green Standing						
23	Kail	Pinus wallichiana	66	20-30	Green Standing						

Certified that the trees/poles has been enumerated by u/s along with the concerned baet guard as per the nishandehi given by the representative of the PWD department Udhampur coming under the alignment of upgradation of Dudu Mantalai road passing through the Co. 110 c/D.


I/C Beat Guard
Bupp Beat

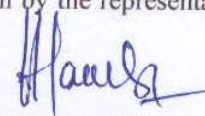

Block Forest Officer
Kud Block


Divisional Forest Officer
Udhampur Forest Division
Udhampur


STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR NON-FORESTRY USE.

S. No.	District	Division	Range	Comptt. No.	Forest Area proposed for diversion (Ha)	Protected Area, if any (ha)	Remarks
1	2	3	4	5	6	7	8
1	Udhampur	Udhampur	Dudu	110c/D	Total area of road $700 \text{ mtr} \times 10 \text{ mtr} = 7000 \text{ m}^2$ Area of already existing road $700 \text{ mtr} \times 6 \text{ mtr} = 4200 \text{ m}^2$ Net forest area proposed for upgradation = Total area-already existing area $7000 - 4200 = 2800 \text{ m}^2$	Nil	
Total forest area proposed for upgradation of road					0.28 Ha		

Certified that the forest area proposed for upgradation of existing road Mantalai to Dudu KM 1st to 5th passing through the forest Co. 110c/D has been calculated as per the nishandehi given by the representative of PWD department.



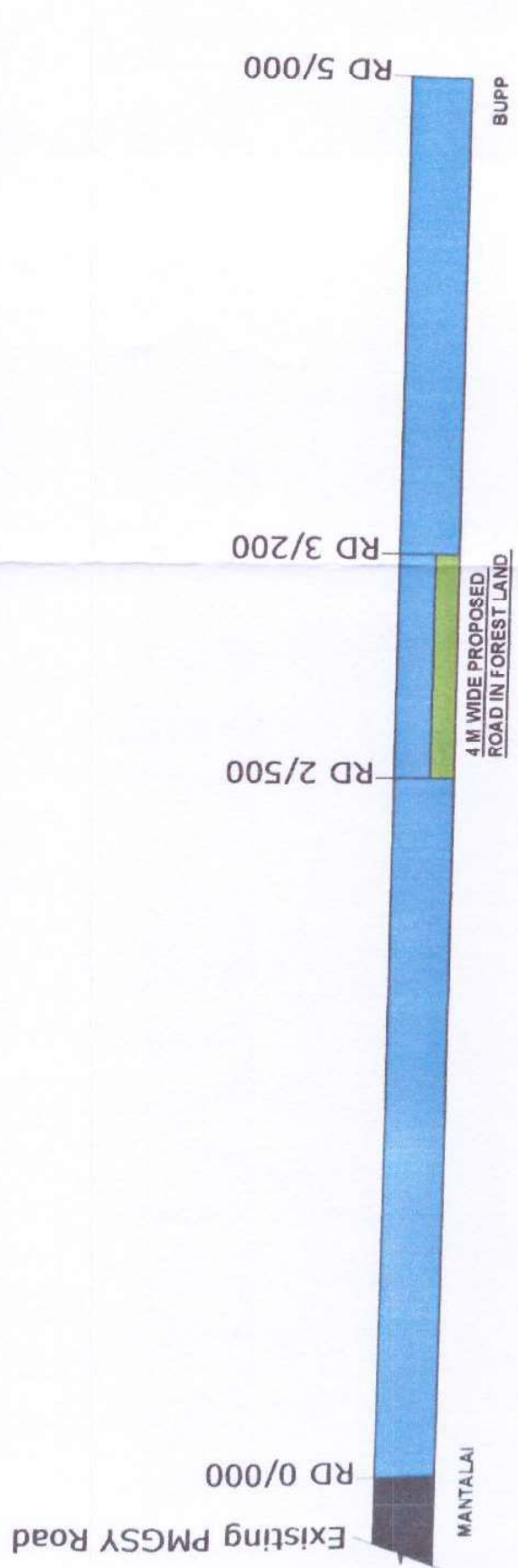
**Block Forest Officer
Kud Block**

ds

 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur



**Forest Range Officer
Dudu HQ Chenani**

LAYOUT PLAN FOR IMPROVEMENT / UPGRADEATION OF MANTALAI - DUDU ROAD KM 1st TO KM 5th UNDER 'LANGUISHING', PWD(R&B) DIVISION UDHAMPUR, DISTRICT UDHAMPUR.



Total length of Road = 5.0 km.
 Total length of Road passing through forest = 700.00 mtr.
 Existing Road width = 6.00 mtr.
 Proposed Road width = 18.00 mtr.
 ∴ Road to be widened = 4.00 mtr.

FOREST AREA DETAILS

AREA DETAIL OF ROAD
 RD 2/500 TO 3/200

LENGTH X WIDTH	AREA
700M X 4M	2800 M ²
TOTAL AREA	2800 M ² OR 0.28 HECTARES

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

District Engineer
 PWD (R&B) Division
 Udhampur

LEGEND:-

1. FOREST LAND	
2. EXISTING ROAD	
3. OTHER ROAD	

**OFFICE OF THE EXECUTIVE ENGINEER P W D (R&B) DIVISION
UDHAMPUR**

(E-Mail ID: xenrandbudhampur@gmail.com, Phone/Fax No. 01992-270208)

Full title of the Project: **Improvement / Upgradation of Mantalai-Dudu road
Km 1st to 5th.**

File No: FP/JK/ROAD/45330/2020.

Date of Proposal:

Certificate for Minimum Use of Forest Land

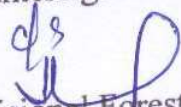
This is to certify that all alternative alignments/ locations have been explored and the forest area involved in the proposal is unavoidable and barest minimum forest area i.e 0.28 Hectare area has been proposed diversion.

Place

Date:

Signature of User Agency
Office seal

Countersigned


Divisional Forest Officer,
Forest Division,
Udhampur
Office Udhampur.....



GOVERNMENT OF JAMMU AND KASHMIR
OFFICE OF THE CONSERVATOR OF FORESTS EAST CIRCLE, JAMMU
FOREST COMPLEX, DOGRA HALL, JAMMU

Tel/fax: 0191-2544367
e-mail: cfeastcircle@gmail.com

Sub: Revised Work programme of Compensatory Afforestation w.r.t Forest clearance for Improvement and upgradation of Mantalai Dudu Road Km 1st to 5th.
Ref: DFO Udhampur letter No: 1258-59 Dt: 18.06.2021.

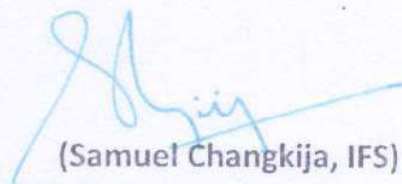
ORDER

The revised work proposal for Compensatory Afforestation to be done in lieu of diversion of 0.28 Ha of Forest land in Udhampur Forest Division for "FCA proposal No: FP/JK/ROAD/45330/2020 to the tune of Rs. 1, 99,956.00/- lacs prepared and submitted by the Divisional Forest Officer, Udhampur Forest Division is hereby approved/sanctioned as per the details given below:-

Proposal No.	Nomenclature of FCA Work	User agency	Location of Proposed Work	Area involved for Diversion	Area under C.A Plan	Financial Implications of the proposal	Canopy Density
FP/JK/Road/45330/2020	Improvement and upgradation of Mantalai Dudu Road	PWD (R&B)	110 c/D	0.28 Ha	0.74 Ha	1,99,956.00	Less than 30%

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 the DFO Udhampur Forest Division shall be the implementing agency by executing the CA Plan.


(Samuel Changkija, IFS)
Chief Conservator of Forests,
East Circle, Jammu.

No:- 314-17/CFE/FCA dt:- 24.6.2021

1. Pr. Chief Conservator of Forests, (HoFF), J&K, Jammu for favour of information.
2. APCCF/Nodal Officer, FCA, O/o the Pr. CCF J&K for favour of information.
3. Chief Conservator of Forests, Jammu for favour of information
4. DFO Udhampur Forest Division for information and necessary action.

REVISED COMPENSATORY AFFORESTATION SCHEME



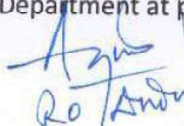
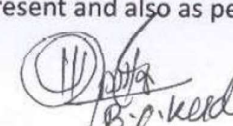
Full Title of the Forest Land Diversion Project	Improvement and upgradation of Mantalai Dudu road KM 1 st to 5 th under PWD.
File No.	FP/JK/ROAD/45330/2020
Date of Proposal	04-05-2020
Name of the Forest Division (where forest land is proposed to be diverted)	Forest Division Udhampur
Forest Area to be diverted	0.28 Ha
Forest area to be planted	0.74 Ha
No. of trees to be felled	44 Nos.
No. of plants/poles could be damaged	-
No. of plants to be planted in the scheme	560 Nos.
Details of land where C.A. is to be carried out:	
• Degraded forest land (Yes/No) : Yes	Area: 0.74 Ha.
• Non-forest land (Yes/ No) : No	Area: NA
• Forest Division	Udhampur
• District	Udhampur
• Range	Dudu
• Tehsil	Chenani
• Compartment No.	110c/D
• Khasra No. (in case of Non Forest land)	NA
• C.A Site (Name of location)	Forest Bandar Beat Bupp
• C.A area in Hectare	0.74 Ha
• C.A. Site Geo-Coordinates:	
Starting Point:	Latitude: 32°59'16.19"N Longitude: 75°22'24.06" E
Ending Point:	Latitude: 32°59'11.44" N Longitude: 75°22'21.97" E
• In case of non-forest area identified for CA, then what is the distance of C.A. site from the adjoining forest boundary	NA

1. Description of C.A. Site

a) Soil Type	Sandy Loam
b) Topography: Hilly/ Undulating/ Plain	Hilly-Undulating
c) Slope: Steep/ Medium/ Gentle	Gentle
d) For non forest land-description of existing vegetation/ root and density	NA
e) In case of degraded forest land-description of forest type and crown density	Sub-Tropical Hilly Forest
f) Crown Density	Less than 30%

2. Plantation Model:

Compensatory afforestation over an area of 0.74 Ha of degraded forest land is proposed to be raised. The area selected for this purpose is Co. 110c/D, Beat Bupp, which is a degraded forest area and has been proposed for CA. Presently the area supports scattered Kail (*Pinus wallichiana*). Whole of the plantation of 0.74 ha will be raised in a single compact block. The area identified for plantation has also been shown on the attached map. The species to be planted will be mainly Kail and local Mixed Broad leaved species. Total financial outlay for compensatory plantation scheme is Rs.1,99,956/-. The monitoring will be done as per existing monitoring mechanism in the Forest Department at present and also as per G.O.I instructions.

S. No.	Description				Rate	Total Amount (In Rs.)
	Afforestation work		Unit			
A	1 st year advance work	Raising of poly bag plants	No	560	8.03	4497
	2 nd year	Plantation and maintenance of poly bag plants		560	32	17920
		Raising of poly bag plants		140	8.03	1124
	3 rd year	Plantation and maintenance of poly bag plants		140	32	4480
		Raising of poly bag plants		56	8.03	450
	4 th year	Plantation and maintenance of poly bag plants		56	32	1792
		Raising of poly bag plants		28	8.03	225
	5 th year	Plantation and maintenance of poly bag plants		28	32	896
		Raising of poly bag plants		28	8.03	225
	6 th year	Plantation and maintenance of poly bag plants		28	32	896
		Raising of poly bag plants		28	8.03	225
	7 th year	Plantation and maintenance of poly bag plants		28	32	896
		Raising of poly bag plants		28	8.03	225
	8 th year	Plantation and maintenance of poly bag plants		28	32	896
		Raising of poly bag plants		28	8.03	225
	9 th year	Plantation and maintenance of poly bag plants		28	32	896
		Raising of poly bag plants		28	8.03	225
	10 th year	Plantation and maintenance of poly bag plants		28	32	896
	Total					36989
	B	Other afforestation Intervention (As per the requirement of the site condition)				
1	Patch sowing		No	500	6.99	3495
2	Planting of grass slips		No	0	6.35	0
					Total	3495
C	Fencing					
1	Square PCC Post Fencing (7 Strand) (Advance work 1 st year)		Rft	1250	105	1,31,250
2	Fencing Repair		Rft	600	16.74	10,044
					Total	1,41,294
D	Site Preparation: (Cutting, Grubbing and removal of Lantana)					
			Ha	0	0	0.00
E	Pruning & Tending of Existing Root Stocks					
			No	0	0	0.00
	Total C.A. Charges					1,81,778
F	Soil & water conservation and protection measures like construction of fire lines and inspection paths (DRSM)					
1	Soil & water conservation measures (DRSM)		Cum	-	1099	-
	Total					-
Total (A+B+C+D+E+F)						1,81,778
G	Supervisory/ overhead / misc Charges (10% of C.A charges)					18,178
Grand Total (A+B+C+D+E+F+G)						1,99,956

The Afforestation cost is calculated as per the **JAMMU & KASHMIR FOREST RATE SCHEDULE TARIFF' 2017.**

I. Technical Details: Technical details of Compensatory Afforestation Scheme are as follows:

- General Details : Co. 110c/D, Block: Kud, Beat: Bupp
- Plantation Method : Pit Plantation
- Species proposed to be planted : Chir/ Mixed Broad leaved (Local)
- Soil & Moisture Conservation Works : -
- Protection: : (Fencing, Watch & Ward, People's Participation etc)
- Proposed Monitoring Mechanism : As per existing Standard mechanism of the department
- Any other information : Nil

Block Officer
Block Kud

Range Forest Officer
Forest Range Dudu
H.Q. Chenani
Divisional Forest Officer
Udhampur Forest Division
Udhampur

Mantalai-Dudu Road Km 1st to 5th (Proposal No. FP/JK/ROAD/45330/2020

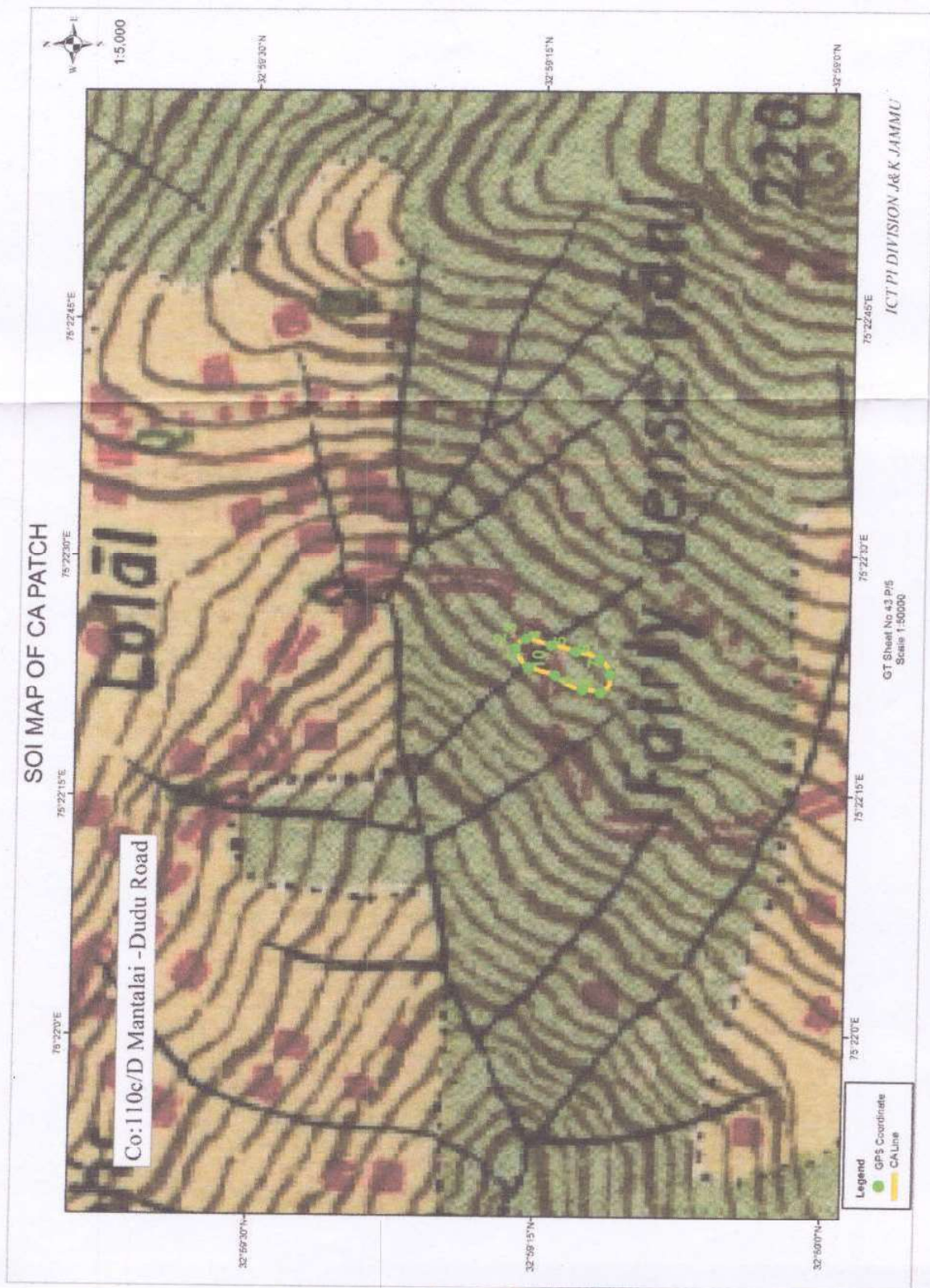
CA Patch 110c/D of Dudu Range-Forest Division Udhampur



Google Earth

Image © 2021 Maxar Technologies

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GEOREFERENCE MAP OF CA PATCH

Co:110c/D Mantalai -Dudu Road

OBJ	Latitude	Longitude
1	32° 58' 15.631" N	75° 22' 23.029" E
2	32° 58' 16.278" N	75° 22' 24.179" E
3	32° 58' 15.751" N	75° 22' 24.779" E
4	32° 58' 14.439" N	75° 22' 24.363" E
5	32° 58' 13.152" N	75° 22' 23.997" E
6	32° 58' 11.893" N	75° 22' 23.537" E
7	32° 58' 11.348" N	75° 22' 22.617" E
8	32° 58' 11.844" N	75° 22' 21.397" E
9	32° 58' 12.789" N	75° 22' 21.573" E
10	32° 58' 14.230" N	75° 22' 22.545" E



1:800

32° 58' 15" N

ICT PI DIVISION JK&K JAMMU

GT Sheet No 4.3 P/S
Scale 1:50000

Legend
● GPS Coordinate
— CA Line


WIDENING OF ROAD FROM MANTALAI TO DUDU KM 1st to 5th UNDER PWD**LAND SUITABILITY CERTIFICATE**

This is to certify that 0.74 Hect. of forest land in *Reserved* (Demarcated) Forest, namely Bupp, Compartment – 110c/D, Forest Beat – Bupp, Block – Kud, Range – Dudu Forest Range of Udhampur Forest Division, Tehsil Chenani, District Udhampur identified for Compensatory Afforestation is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.


Block Forest Officer
Kud Block

Attested

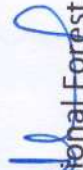

Range Forest Officer
Dudu-HQ Chenani


Divisional Forest Officer
Udhampur Forest Division
Udhampur

CALCULATION SHEET OF NET PRESENT VALUE (NPV) (AS COMMUNICATED VIDE MOEF&CC LETTER DATED 06-01-2022) FOR THE FCA CASE TITLED "IMPROVEMENT AND UPGRADEATION OF MANTALAI DUDU ROAD KM 1ST TO 5TH" PASSING THROUGH CO. 110C/D BY PWD (R&B) DIVISION UDHAMPUR

Proposal No. : FP/JK/ROAD/45330/2020

S. No.	Division	Compartment No.	Forest Area (In Hectare)	Canopy Density	Eco-Class	(Amount in Rupees)	
						NPV Rate	NPV Amount
1	Udhampur	110c/D	0.28	Dense Forest	V	1292850	361998.00


 Divisional Forest Officer
 Udhampur Forest Division
 Udhampur

Detailed estimate for extraction of timber and firewood in Co. 110c/D out of enumerated trees coming under the upgradation/widening of road from MANTALAI TO DUDU km 1st to 5th under PWD

S.No	Activities/Norms	Volume		Normal Rate	Distance	Total Rate	Amount
		Stand.	Sawn				
1.	Felling 100%	912.5	-	3.82	-	3.82	3,485
2.	Hand sawing		547	57.84	-	57.84	31,638
3.	Handling charges after sawing		547	0.62/cft/chain	2 Chains	1.24	678
4.	Minor related activities after sawing		547	0.94/cft	-	0.94	514
5.	Head load carriage from forest to KLP (avg.)		547	0.62/cft/chain	5 Chains	3.10	1695
6.	Stacking		547	0.88/cft	-	0.88	481
7.	Road transportation upto Jammu		547				
	a. Kaccha road		547	0.25/cft/Km	35 KM	8.75	4786
	b. Pakka road		547	0.19/cft	100 KM	19	10393
	c. Loading charges 1.65/cft		547	1.65/cft	-	1.65	902
A	Total						54,572/-
8.	Firewood Extraction						
	a. Expected Firewood Extraction		30 Qtl.(approx.)	127.05	-	127.05	3811
	b. Mechanical transportation of firewood upto Udhampur		30 Qtl.(approx.)	1.38/Qtl/KM	60 KM	82.8	2484
B	Total						6,295
	Total(A+B)						60,867/-

Transportation depends as per the union rate.

Sawn volume = 547 cft

Misc. Charges:- It includes for purchase of implements, tools, watch and ward, extra amount required for mechanical transportation as per the actual union rates, unloading of timber and firewood.

L/S = Rs. 20,000/-

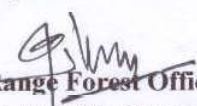
G.Total = Rs. 80,867/-

Certified that the estimate for extraction of timber has been prepared as per SFC rates of 2019 and extraction of firewood has been prepared as per forest rate of 2016-17 and submitted to Range Forest Officer Dudu for favour of information and necessary action.

B.O Kud

Attested and submitted to worthy DFO Udhampur for favour of Check and sanction please.


Divisional Forest Officer
Udhampur Forest Division
Udhampur


Range Forest Officer
Dudu HQ- Chenani

(18)

OFFICE OF THE EXECUTIVE ENGINEER P W D (R&B) DIVISION
UDHAMPUR

(E-Mail ID: xenrandbudhampur@gmail.com, Phone/Fax No. 01992-270208)

Full title of the Project: **Improvement / Upgradation of Mantalai-Dudu road Km 1st to 5th.**

File No: FP/JK/ROAD/45330/2020.

Date of Proposal:

Undertaking for payment of cost of compensatory afforestation


I/we Sh. Girdhari Lal, Executive Engineer PWD (R&B) Division Udhampur hereby undertake to pay the entire amount for compensatory afforestation in lieu of the forest area diverted for **Improvement / Upgradation of Mantalai-Dudu road Km 1st to 5th** as per the prevailing wage rates at the time of plantations.

Place

Date:

Signature of User Agency
Office seal

Countersigned


Divisional Forest Officer,
Udhampur Forest Division,
Udhampur.....
Office Seal.....

**OFFICE OF THE EXECUTIVE ENGINEER P W D (R&B) DIVISION
UDHAMPUR**

(E-Mail ID: xenrandbudhampur@gmail.com, Phone/Fax No. 01992-270208)

Full title of the Project: **Improvement / Upgradation of Mantalai-Dudu road
Km 1st to 5th.**

File No: FP/JK/ROAD/45330/2020.

Date of Proposal:

Undertaking for payment of net present value of forest area

It is to certify that I/we Sh. Girdhari Lal, Executive Engineer PWD (R&B) Division Udhampur have applied for diversion of 0.28 hectare of forest area for the purpose of **Improvement / Upgradation of Mantalai-Dudu road Km 1st to 5th**. 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

Date:

Signature of User Agency
P.W.D. (R&B) Division
Udhampur

Countersigned *eg*

[Signature]
Divisional Forests Officer,
Divisional Forest Officer,
Udhampur Forest Division,
Office Udhampur.....

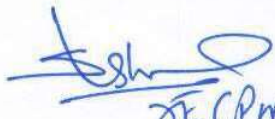
WIDENING OF ROAD FROM MANTALAI TO DUDU KM 1st to 5th
UNDER PWD

Site inspection report

A proposal has been received by this office from PWD Division Udhampur, for diversion (under section 2 of FCA-1980) of 0.28 Hectare of forest land for non-forestry purpose. The site inspection of the land involved in the proposal has been done by me on dated 02-05-2021.


- On inspection of the site, it is found that the land required by the user agency is a forest area measuring 0.28 Hectare.
- The requirement of forest land as proposed by the user agency in Col-2 of Part-I is unavoidable and is barest minimum required for the project.
- The user agency has not violated the provision of Forest (Conservation) Act., 1980 and no work has been started without proper sanction.

Recommended for acceptance, please


BF (PND)


Block Forest Officer
Kud Block

Attested


Range Forest Officer
Dudu-HQ Chenani

cs

Divisional Forest Officer
Udhampur Forest Division
Udhampur

**OFFICE OF THE DIVISIONAL FOREST OFFICER
UDHAMPUR FOREST DIVISION
UDHAMPUR**

☎ 01992-270989

✉ dfo.udh@gmail.com

Improvement and upgradation of Mantalai Dudu road KM 1st to 5th

Proposal No.: FP/JK/ROAD/45330/2020

RECOMMENDATION

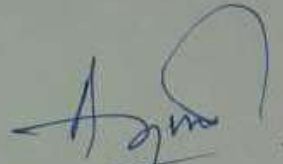
The diversion of land is justified and recommended in large public interest.

4/5
Divisional Forest Officer
Udhampur Forest Division
Udhampur

Comments

Subject :- Widening of Road from Mantalai to Dudu Km 1st to 5th under PWD

The said road is approximately 50-60 years old and now the user agency has applied for the widening of the existing road. Widening/upgradation project includes 4 mtr of widening (earth work) with the length of 700 mtr along the existing road. Further, the aerial distance of the proposed road falls within 1 Km of Sudhmahadev Conservation Reserve. This involves very less damage to the forest/state/private land adjacent to the Sudhmahadev Conservation Reserve with no adverse effect on the existing conservation reserve and the wildlife therein.



**Range Forest Officer
Dudu HQ-Chenani**