



GOVERNMENT OF GOA  
**Office of the Deputy Conservator of Forests,  
North Goa Division,  
Ponda - Goa, 403 401**

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No S/FCA- 135 /PON/DCFN/TECH/2021-22/ 82

Dated - 17/05/2022

Vaishaka 27 . Saka, 1944.

To,  
The Dy. Conservator of Forests,  
(Monitoring & Evaluation)  
Panaji- Goa

Sub-Proposal for four laning of Existing Goa/ Karnataka border- Panaji, Goa  
section of NH-4A from 97.000 to Km 153.075 in the State of Goa on BOT  
( Toll) basis under NHDP-III ( Anmod to Panaji Section).

Ref. 6-857-2021—22-FD/4055 Dated 25/10/2021.

Sir,

With reference to the above cited subject, it is to inform that the total no. of trees involved in this diverted area is 7724 and enumeration list of same trees given by Range Forest Officer, Collem along with Girth wise details is uploaded in PART -II of Performa proposal as per the observation raised by Dy. Inspector General of Forests, Ministry Environment Forests, & Climate Change, Bangalore, vide letter No. F. N. 4-GOC1239/2020-BAN/69 Dated 12/05/2020.

The copy of the Part-II is enclosed for information and further necessary action at your end

Yours faithfully,

  
Dy. Conservator of Forests  
North Goa Division  
Ponda-Goa.

Encl:- As above

Swachh Bharat Nital Goem"  
"Towards Cleaner & Greener Goa"

1. Location of the project/Scheme : Goa

- (i) State / Union Territory : Goa  
(ii) District : North Goa, South Goa  
(iii) Forest Division : North  
(iv) Area of forest land proposed for diversion (In ha.) : 31.53  
(v) Category of the Proposal: Road

2. Legal status of forest land proposed for diversion :

S. No.	Division	Forest Land(ha.)	Legal Status
1	North	15.5	Unclassed Forests
2	North	1.73	Private Forest
3	North	14.15	Proposed Reserved Forests (Sec-4 of IFA)
4	North	0.15	Reserved Forest
Total		31.53	

Division 1. : North

3. District wise area to be diverted in the division :

S. No.	District	Area(ha.)
1	South Goa	31.53
Total		31.53

4. Details of Vegetation available in the forest land proposed for diversion :

(i) Density of vegetation

S. No.	Area(in ha.)	Density	Eco-Class
1	31.53	0.7	Eco 1
Total.	31.53		

(ii) Species-wise local/scientific names and girth-wise enumeration of trees at FRL :

S. No.	Scientific Name	Local Name	(0-30)cm.	(31-60)cm.	(61-90)cm.	(91-120)cm.	(121-150)cm.	(>150)cm.
1	Tectona Grandis	teak	6	60	39	15	6	0
2	Dalbergia Latifolia	shisam	1	10	14	3	6	0
3	Terminalia Tomentosa	matti	92	471	487	324	207	0
4	Terminalia Paniculata	kindal	178	1157	755	250	150	0
5	Xylia Xylocarpa	jamba	53	110	33	25	13	0
6	Wrigtria Tingtoria	kalo kondo	0	0	2	0	0	0
7	Acacia Ariciloformis	accacia	28	305	97	18	5	0
8	Terminalia bellerica	ghoting	6	22	3	2	9	0
9	Mangifera Indica	mango	0	0	3	3	4	0
10	Lagistromia Lanceolata	nano	5	31	14	11	17	0
11	Albezzia Labbeck	shiras	2	10	4	2	1	0
12	Bombax Ceiba	sawar	3	40	24	25	16	0
13	Grewia Tiliaefolia	daban	3	6	1	4	1	0
14	Mammea Longifolia	surangi	0	3	0	0	0	0
15	Adena Cardifolia	hedu	2	3	2	0	0	0

16	Acacia Catechu	khair	4	9	0	0	0	0
17	Sweetinia Mahagony	mahagoni	0	4	3	0	0	0
18	Alstonia Scholaris	saton	0	1	0	0	3	0
19	Others	misc	215	688	355	176	166	0
20	Others	kumyo	45	179	98	41	30	0
21	Others	kudo	109	181	11	0	2	0
22	Others	kawach	0	3	2	0	1	0
23	Others	karo	9	6	8	0	1	0
24	Others	moi	7	33	16	14	13	0
25	Others	jangli	0	3	1	0	0	0
26	Others	bhindo	0	0	0	0	1	0
27	Others	kumbal	0	0	0	1	0	0
28	Others	kosam	0	1	1	3	2	0
29	Others	karmal	0	3	16	11	4	0
30	Others	omm	0	0	0	1	1	0
31	Others	miryo	0	0	0	0	1	0
32	Others	charcol	0	1	0	0	0	0
33	Others	shankar	0	5	6	3	16	0
34	Others	awali	0	4	1	1	1	0
35	Others	kusko	0	1	0	0	0	0
<b>Total</b>			<b>768</b>	<b>3350</b>	<b>1996</b>	<b>933</b>	<b>677</b>	<b>0</b>
<b>Sub Total (No of Trees.)</b>			<b>7724</b>					

5. Working plan prescription for the forest land proposed for diversion : No Data

6. Brief note on vulnerability of the forest area to erosion : Not Vulnerable

7. Approximate distance of the proposed site for diversion from boundary of forest(In km.) : 0

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 :** spotted Deer, Wild Boar, Bison, Hare, Leopard, snakes & avifauna such as Peacock and Jungle Fowl

(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): Yes**

**Details of Protected Area and comments on the impact of Project on the ESZ :** The site is with in the Eco Sensitive zone of Bhagwan Mahavir Wildlife Sanctuary. However since there exists a 2 lane National Highway already and with the safeguards provided by the user agency for wildlife passage etc, the impact on the wildlife shall be Minimum

(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 : Yes**

**Details and comments on the impact of Project on such areas :** The site is with in the Eco Sensitive zone of Bhagwan Mahavir Wildlife Sanctuary. However since there exists a 2 lane National Highway already and with the safeguards provided by the user agency for wildlife passage etc, the impact on the wildlife shall be Minimum

(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 :

(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 :

- (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 progres(Yes/No) : No Data

13. Details of compensatory afforestation scheme :

(i). Patch wise details for Degraded Area (To be earmarked by DFO)

(i). Total Financial Outlay for C.A(lacs):

Patch Wise Details						
S.no	Patch No.	Area(ha.)	Name of PF/RF	Range	Compartment No	Uploaded KML file of patch
NO Data						



Additional information Details :

S. No.	Documents	Remarks
NIL		

14. District Profile :


S.no	District Name	Geographical area of the district (in ha.)	Forest area of the district (in ha.)	Total forest area diverted since 1980 (in ha.)	No. of Approved Cases	Forest Land including penal C.A. (in ha.)	Progress of compensatory afforestation as on(date)	A) Forest land (in ha.)	B) Non-forest land (in ha.)
1	North Goa	173600	57604	429.304	60	1415.312	31/12/2015	627.84	14.2940



15. Site inspection report of the DFO/CCF/Nodal Officer highlighting important facts pertaining to the forest land :

Division Name	Circle	Site inspected By	Whether site inspected	No. of times site visited	Site inspection report	Date of visit
North	Conservation	DFO	Yes	One		12/06/2017
	Conservation	CF	Yes	One		26/07/2019

(Specific recommendation of the DFO/CCF/Nodal Officer with(Part II,III & Part IV))


16. Specific recommendation of the DFO/CCF/Nodal Officer for acceptance or otherwise of the proposal with reason :

Division	Circle	Recommendation By	Recommendation	Reason	Letter	Whether CF agreed
North	Conservation	DFO	Recommended	Total forest area required for the said project is 31.53 ha out of which 1.73 ha is a private forest area. Enumeration of trees has been carried out within the forest land proposed for diversion and a total of 8102 nos. number of trees are found. The overall average canopy density		

				of the area is about 7. proposed forest area for diversion. The site is not prone to soil erosion. The nearest distance from the boundary of Bhagwan Mahavir Wildlife Sanctuary is at 0.60 km and hence part of the proposed road falls inside Eco Sensitive Zone Area. However with certain conditions, since the requirement of Forest land is bare minimum and the project being site specific with no alternate available, in larger public interest, the diversion of 31.53 ha of Forest area is recommended to the user agency.		
	Conservation	CF	Recommended	Considering the importance of the project and the future requirement of the State, the diversion is recommended.		Yes
		Nodal Officer	Recommended	Recommended as it is important public utility project of the State and it aims for improvement of traffic movement from neighbouring States.		

**Specific recommendation of the State Government(Part V)**

17. Specific recommendation of the State Government for acceptance or otherwise of the proposal with reason ( Part V) :

State	Recommendation By	Recommendation	Recommendation Date	Remarks	Signing Authority	Notification	Recommendation Letter
Goa	State Secretary	Recommended	18/04/2020	Recommended in Public	State Govt.	No Data	

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