



No: D1/LND/Goa Tamnar/2023-24/2025-26

Dated:03-12-2025.

To,

The Chief Conservator of Forests,
Belgavi Circle, Belgavi.

Sir,

Subject: Division of 174.652 Ha of forest land in Devalli, Payswadi, Ade and 21 other villages in Dharwad, Haliyal, Dandeli Wildlife (Kali Tiger Reserve) and Belgavi Divisions for laying of Goa-Tamnar 400 KV DC Quad Transmission Line (LILo Project) in favour of Manager, Goa-Tamnar Transmission Project Limited,

- Ref
1. The Government of Karnataka Letter No. FEE 08 FLL 2021 € dated:03-08-2025
 2. Letter No.KFD/HOFF/A52K(GFL)/15/2018-FC dated:10-06-2025 of the Principal Chief Conservator fo Forests, (Forest Conservation) and Nodal Officer (FCA), Bengaluru.
 3. Letter No.A7/LND/FC/Trans Line/BGM/CR-11/19-20, dated:01-07-2025 of the Chief Conservator fo Forests, Belgavi Circle, Belgavi.
 4. Letter No.GTTPL/Forest/NXTL/03-06, dated:26-11-2025 (e-mail received on 30-11-2025) of the Manager, Goa Tamnar Transmission Project Limited, Flat No.105, Rithapurna, Toll Naka, Sansawatipur, Dharwad-580002

With respect to the above subject, relating to Goa-Tamnar 400 KV DC Quad Transmission Line (LILo Project) Site Inspection was done on 18-11-2023 and 02-12-2023 and the report has been already submitted on 05-12-2023 and under reference (1), (2), (3) and (4) of the Government of Karnataka, the Principal Chief Conservator fo Forests, (Forest Conservation) and Nodal Officer (FCA), Bengaluru and as per your office directions the User Agency has submitted that it has reduced the number of trees to be felled by adopting the CEA approved technical solution.

Accordingly, the User Agency, in its Undertaking (submitted through E-mail on 30-11-2025) has confirmed that the actual felling figures may be estimated during execution of the project at site in order to maintain sufficient electrical clearance and to avoid any electrical hazard and has confirmed that the total trees required to be felled shall not exceed 4956 of the total enumerated trees (24261 nos).

This is for your kind perusal.

Yours faithfully,


Deputy Conservator of Forests,
Belgavi Division, Belgavi.

Goa- Tamnar Transmission Project Limited

1, Sea Breeze Aptt., DB Marg, Miramar, Panji, Goa-403001

Ref No.- GTTPL/FOREST/NXTL/ 03-06

Date: 26.11.2025

To,

**The Deputy Conservator of Forests
Belgaum Forest Division,
Government of Karnataka,
Bangalore– 560001**

Sub: Diversion of 174.652 hectare of forest land in Dharwad, Haliyal, and Dandeli Wildlife divisions for laying of 400 kV D/C LILO Narendra-Xeldem Transmission Line of Goa Tamnar Transmission Project Limited in Karnataka.

Ref: As given below:

1. Letter dated 03/07/2025 from DCF, Dharwad.
2. Letter dated 07/07/2027 & 11/08/2025 from DCF, Haliyal.
3. Letter dated 21/07/2025 from DCF, Dandeli.
4. Letter dated 28/07/2025 from DCF, Belagavi.

Dear Sir,

1. We are in receipt of your letter dated 28/07/2025 ref. above, regarding the submission of the revised forest proposal to use alternative routes or using modern technology by the user agency to reduce the number of trees required to be felled.
2. In this respect it is submitted that the initial forest proposal was submitted in August 2018, subsequently in compliance with directives of Hon'ble Supreme Court order dated 07.04.2022, GTTPL submitted an amendment in the route alignment and submitted the modified proposal on 20 July 2022.
3. It is stated that multiple meetings were held at various levels to take decisions upon the route feasible as per the diversion of forest in the Karnataka State. Accordingly, for construction of NXTL, utilization of existing 220 kV Ambewadi-Ponda line was approved by Karnataka Power Transmission Corporation Ltd vide letter No: B19/33425/22-23 dated 8 September 2022.
4. Further a letter was received from DCF, Dandeli on 26 May 2023, regarding the concurrence on the final route as suggested by Karnataka Forest Department. Thus, meeting under the chairmanship of Secretary (Power), Govt of India was held on 06 June 2023 to discuss issues in 400kV NXTL line and it was decided that option-3 route suggested by Karnataka Forest Department is the final route and accordingly amendment to be done in forest & wildlife proposal. Basis this, a revised forest diversion proposal was submitted to concerned DCF offices on 3 July 2023 as an alternate route to minimize forest area.



Goa- Tamnar Transmission Project Limited

1, Sea Breeze Aptt., DB Marg, Miramar, Panji, Goa-403001

5. Thereafter, on 27 August 2024, Secretary, Ministry of Power reviewed the forest proposal for the “LILO of one circuit of Narendra (existing) - Narendra (New) 400 kV D/c quad line at Xeldem (Goa).” The Secretary, Power directed exploring technical options to minimize tree cutting and reduce the RoW corridor. Following this, the CEA approved a technical solution on 28 August 2024, and directed use of following technical solution:
- i. MCMV tower
 - ii. Quad conductor
 - iii. +6m extension towers
 - iv. 200 m span, and
 - v. ‘V string insulator for suspension towers.

Copy of letter dated 28.08.2024 by CEA is attached and annexed as *Annexure-I*.

6. It is stated that GTTPL will be using the above technical solution as approved by the Central Electricity Authority (CEA), which will minimize the requirement of existing RoW corridor width for construction of NXTL line to 34 meters from existing 46 meters due to use of MCMV type tower and will help in optimization of tree felling and looping/chopping of trees in forest area. Further, no new corridor shall be required in this respect.
7. Additionally, the above technical solution will also minimize the impacted trees in the forest and Wildlife area. While the enumeration was for around 72,000 trees, presently, only 13954 trees are estimated to be impacted with adoption of modern technology. **Among these only 4956 trees (earlier 24261 trees) will be required to be fell under Belgaum Forest Division.**
8. In view of the above, we wish to inform you that the directive given in your above referenced letter has already been fully incorporated into the revised proposal, as approved by the MoP & CEA. We therefore kindly request you to process our forest proposal for the subject transmission line at the earliest and obligatory.

Thank you.

Yours Sincerely,
For Goa Tamnar Transmission Project Limited




(Authorized Signatory)



Goa- Tamnar Transmission Project Limited

1, Sea Breeze Aptt., DB Marg, Miramar, Panji, Goa-403001

Copy to:

1. The Additional Chief Secretary, Energy Department, Karnataka
2. The Additional Chief Secretary, (Forest & Environment), Karnataka
3. The Secretary (Power), Ministry of Power.
4. The Joint Secretary (Transmission), Ministry of Power
5. The Principal Chief Conservator of Forest & Nodal Officer (FCA), Bangalore
6. The Chief Conservator Forest, Dharwad/ Sirsi/ Belagavi.



UNDERTAKING

It is to certify that, we, “**Goa-Tamnar Transmission Project Ltd**” hereby undertake to adhere the guideline for felling of trees as prescribed in the Chapter 10 of the Handbook of Forest (Conservation) Act, 1980 published in 2019 by Ministry of Environment., Forests & Climate Change. Actual felling figures may be estimated during execution of the project at site in order to maintain sufficient electrical clearance and to avoid any electrical hazard. However, we hereby confirm that the total trees required to be felled *shall not exceed 4956 of the total enumerated trees (24261 nos)*.

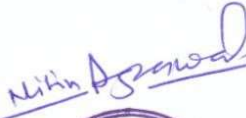

Place: Panaji

Signature

Name:

Designation:

Address of Agency:

NITIN AGRAWAL

Chief Manager

Goa- Tamnar Transmission
Project Limited, 1, Sea Breeze Apt,
Dr. D.B. Road, Miramar, Panaji
Goa- 403001

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KARNATAKA FOREST DEPARTMENT

No : A7/LND/FC/Transline/GBM/CR-11/19-20/23-24

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R.P.D

Office of the,
Chief Conservator of Forests,
Belagavi Circle, Belagavi.
Dated : 18-12-2023

To,

The Principal Chief Conservator of Forests,
(Forest Conservation)
"Aranya Bhavan", 18th Cross,
Malleshwaram, Bengaluru - 03.

Sir,

Sub :- Diversion of 177.091 Ha of forest land in Devalli, Payswadi, Atle and 21 other villages in Dharwad, Haliyal, Dandeli Wildlife (Kali Tiger Reserve) and Belagavi Divisions for laying of Goa-Tamnar 400 KV DC Quad Transmission Lume (LILO Project) in favour of Manager, Goa-Tamnar Transmission Project Limited,

- Ref :-1) Letter No.GTTPL/NXTL/KA/Forest/23-24/iii/85, dated:10-07-2023 and 13-09-2023 of the manager Goa-Tamnar Transmission Project Limited, Dharwad (revised offline proposal)
- 2) Letter No. D1/LND/Goa Tamnr/2023-24 Dated: 05-12-2023. (received on 7-12-2023.) of the Deputy Conservator of Forests, Belagavi Division, Belagavi


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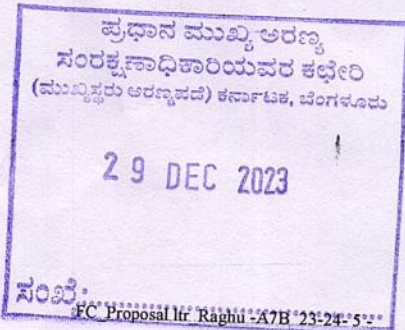
With reference to the above subject, The Manager, Goa-Tamnar Transmission Project Limited had submitted the revised offline proposal of Goa-Tamnar Prject by reducing the extent of Forest land from 101.747 ha., to 70.023 ha., to the Deputy Conservator of Forests, Belagavi vide letter referred at reference (1) above.

The Deputy Conservator of Forests, Belagavi Division, Belagavi has submitted the report vide reference No.(2). The report of Deputy Conservator of Forests, Belagavi Division, Belagavi is enclosed here with along with RTC and Tree Enumeration List and it is recommended that the proposed Goa-Tammar Project may be rejected under Forest (Conservation) Act 1980.

This is for your kind perusal and needful action.

Yours faithfully


Chief Conservator of Forests,
Belagavi Circle, Belagavi.



Karnataka Forest Department

No: D1/LND/Goa Tamnr/2023-24

Office of the
Deputy Conservator of Forests,
Belagavi Division, Belagavi,
Dated:05-12-2023.

To,

The Chief Conservator of Forests,
Belagavi Division, Belagavi.

Sir,

Subject: Diversion of 177.091 Ha of forest land in Devalli, Payswadi, Atle and 21 other villages in Dharwad, Haliyal, Dandeli Wildlife (Kali Tiger Reserve) and Belagavi Divisions for laying of Goa-Tamnar 400 KV DC Quad Transmission Lune (LILO Project) in favour of Manager, Goa-Tamnar Transmission Project Limited,

- Ref
- 1 The Manager, Goa-Tamnar Transmission Project Limited, Dharwad -580002 letter No.GTTPL/NXTL/KA/Forest/23-24/iii /85 Dated:10-07-2023 & 13-09-2023.
 - 2 This office even no. letter, 1801, dated:05-08-2023.
 - 3 Letter No.RFO/Golihalli/Tamanar/Viva/2023-24,315, dated:29-09-2023 of the Range Forest Officer, Golihalli Range, Golihalli.
 - 4 Letter No.RFO/Nagargali/Tamanar/Viva/2023-24,279, dated: 29-09-2023 of the Range Forest Officer, Nagargali Range, Nagargali.
 - 5 Letter No.RFO/Londa/400KV/ 2023-24,235, dated:30-09-2023 of the Range Forest Officer, Londa Range, Londa.
 - 6 Letter No.462/ACF/SDN/Tamanar/2023-24, dated:02-11-2023 of the Assistant Conservator of Forests, Nagargali Sub Division, Nagargali.

With reference to the subject cited above, The Manager, Goa-Tamnar Transmission Project Limited had submitted the revised offline proposal of Goa –Tamnar Project by reducing the extent of Forest land from 101.747 ha., to 70.023 ha.,vide letter referred at reference (1) above.

The Range Forest Officer, Golihalli, Nagargali and Londa have been instructed vide this office letter cited at reference (2) above, to submit the site inspection reports along with the enumeration list of trees coming under the project area after conducting the joint survey with the User Agency.

Accordingly, the Range Forest Officer, Golihalli, Nagargali and Londa and the Assistant Conservator of Forests, Sub Division, Nagargali and Khanapur have submitted their report vide reference (3) to (6) respectively as here under;

1) Range Forest Officer, Golihalli

Sl. No.	Range	Inspection Report
		<i>field</i>
1	Golihalli	4 year back enumeration was done and same has been submitted by the Range Forest Officer, Golihalli by carrying out field inspection of the area, it was found that the marking of the trees and area demarcation is not clearly shown in the filed at present. Hence, it is not possible to report present status of the area by considering 4 year old enumeration list and demarcation. Because of these reasons the enumeration of the trees and area demarcation needs to be re-verified, re-enumerated and re-marked clearly. This needs some more time to complete entire enumeration and demarcation of the area.
2	Golihalli	This project is passing through the Sonenatti and Ghastolli villages. As per estimation, around 1953 trees are coming under forest area and 32 trees are coming under non forest area. These villages are the part of Dandeli Elephant Reserve areas and the Elephant Corridor area. As already reported, Man-animal conflicts are more in this area and every year Elephants travel from Dandeli to these areas.
3	Golihalli	As reported by the Deputy Range Forest Officer, Kittur, non forest areas identified by the Goa-Tamnar Transmission Project Ltd, RTC of Kulvalli sy.no.39, is showing as "Karnataka Sarakar" and as per Govt. notification dated:05-05-2022 (copy enclosed) this area comes under the Deemed Forests category. Hence, trees listed in Kulavalli sy.no.39 has been left out from non forest areas.
4	Golihalli	Under above all circumstances, the presence of Wildlife, mainly for Elephants moves, due to implementation of this project, possibility of perishing of Wild life habitat is very high. Scientific study proves that elephants are having long life span. Every year they use their regular ways in search of food, water and shelter. Extraction of trees may attract negative impact on the elephant reserve areas. To avoid this, it is opined that, it is better to find alternate route for implementing the said project.

2) Nagargali Range

Sl. No.	Range	Particulars
1	Nagargali	4 year back enumeration was done and same has been submitted by the Range Forest Officer, Golihalli by carrying out field inspection of the area, it was found that the marking of the trees and area demarcation is not clearly shown in the filed at present. Hence, it is not possible to report present status of the area by considering 4 year old enumeration list and demarcation. Because of these reasons the enumeration of the trees and area demarcation needs to be re-verified, re-enumerated and re-marked clearly. This needs some more time to complete entire enumeration and demarcation of the area.
2	Nagargali	This project is passing through the Batewadi, Malwad, Halaga and Kirhalasi villages. As per estimation, around 9500 trees are coming under forest area,

		3000 trees coming under Deemed Forest area and 200 trees are coming under non forest area. These villages are the part of the Dandel Elephant Reserve areas and Elephant Corridor area. As already reported Man-animal conflicts are more in this area and every year Elephants travel regularly from Dandeli to these areas.
3	Nagargali	Under above all circumstances, it is already recommended for rejection of Goa-Tamanar Proposal proposed under Forest (Conservation) Act 1980 in Nagargali Range. Due to this project Man-animal conflicts will increase and that results in raise in crop compensation, wildlife menace, and human injury etc. Presence of Wildlife, mainly for Elephant Reserves, due to implementation of this project, possibility of perishing of Wild life habitat is very high. Scientific study proves that elephants are having long life span, every year they use their regular ways in search of Food, Water and Shelter. Extraction of trees may attract negative impact on the Elephant Reserrve area. To avoid this, it is opined that, it is better to find alternate route for implementing the said project.

3) Londa Range

Sl. No.	Range	Particulars																								
1	Londa	Enumeration list of trees is enclosed in four sets.																								
2	Londa	<p>Out of 70.023 ha., of forest area proposed under Goa-Tammanar Project includes following areas of Londa Range.</p> <table border="1"> <thead> <tr> <th>Sl.No.</th> <th>Village</th> <th>Area comes under proposed project (in ha)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Londa F.S.Y. No.20</td> <td>0.417</td> </tr> <tr> <td>2</td> <td>Satnali F.S.Y.No.13,17</td> <td>3.173</td> </tr> <tr> <td>3</td> <td>Machali F.S.Y.No.9, 13, 28</td> <td>3.21</td> </tr> <tr> <td>4</td> <td>Potoli F.S.Y.No. 13, 16, 35, 37</td> <td>1.762</td> </tr> <tr> <td>5</td> <td>Shindolli Budruk F.S.Y. No.33, 45 and Kapoli F.S.Y.No.93/B</td> <td>8.457</td> </tr> <tr> <td>6</td> <td>Manjarpai F.S.Y.No.11, 12, 13</td> <td>1.547</td> </tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td>18.566</td> </tr> </tbody> </table>	Sl.No.	Village	Area comes under proposed project (in ha)	1	Londa F.S.Y. No.20	0.417	2	Satnali F.S.Y.No.13,17	3.173	3	Machali F.S.Y.No.9, 13, 28	3.21	4	Potoli F.S.Y.No. 13, 16, 35, 37	1.762	5	Shindolli Budruk F.S.Y. No.33, 45 and Kapoli F.S.Y.No.93/B	8.457	6	Manjarpai F.S.Y.No.11, 12, 13	1.547	Total		18.566
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1	Londa F.S.Y. No.20	0.417																								
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6	Manjarpai F.S.Y.No.11, 12, 13	1.547																								
Total		18.566																								
3	Londa	The proposed project comes under Eco Class-I . Eco Class-I Consisting of Tropical Wet Evergreen Forests, Tropical Semi Evergreen Forests and Tropical Moist Deciduous Forests.																								
4	Londa	Proposed project is passes through the Western Ghat areas which are having rich environment and wild life. This proposed project causes irreparable damage to the environment and wild life. By any mitigation measures it cannot be created such natural environment, forest and biodiversity once again. The proposed project will have negative impact on ecobalance.																								
5	Londa	Proposed project areas are forest areas having rich flora, fauna and habitat of wild animals viz., Elephant, Bear, Tiger, Leopard, Indian Pengolin etc., which are coming under Schedule 1 of Wild Life Protection Act 1972.																								
6	Londa	As per the guidelines and study report of Indian Wild Life Institute, Dehradun, Linear project have severe impact on Wild Life habitats such as																								

		Goa Tammanar project. Hence, such projects may be rejected from the wild life habitat areas to avoid negative impact on ecological balance.
7	Londa	Proposed project area is surrounded by western ghat forests and wild life habitat which are having rich flora and fauna, already road projects like Khanapur-Ramanagar-Anmod and Ramanagar-Alnavar state highways, Hospete-Londa-Belagavi-Vasco railway lines have made bad impact on flora and fauna of the western ghat which are having rich flora and fauna. Also, in National High 4A alignment project 14000 trees have been extracted which has already shown bad impact on eco balance. Such being the status, allowing another linear project will have irrecoverable bad impact on forest areas and wildlife habitat surrounding of Londa Range that will cause ecological imbalance.
8	Londa	The forest areas of Goa-Tamnar Transmission Project are Machali, Satnali, Kapoli, Shindoli BK, Manjarpai, Watra and Potoli are very highly sensitive forest areas having rich flora and fauna and having rich wild life habitat areas. These areas comes under Dandeli Elephant Reserve notification areas and Reserve Elephant corridor areas. This project is against the Elephant project.
9	Londa	As already reported Man-animal conflicts are more in these proposed forest areas and surrounding villages, especially elephants are causing crop damage, serious human injury and some time death cases are noted in these areas. Every year crop compensation cases are recorded in these areas, accordingly compensation have been paid. Movements of Wild Life animals in these areas are very high. Due to this project man-animal conflicts may increase in due course.
10	Londa	Proposed project forest area is habitat for wild animals viz., Indian, Leopard, Tiger, Sloth Bear, spotted deer, Sambar deer etc. Due to shortage of food and foodder herbivorous animals may enter in to farms field and residential areas.
11	Londa	This project is passing through the Batewadi, Malwad, Halaga and Kirhalasi villages. As per estimation, around 9500 trees are coming under forest area, 3000 trees coming under Deemed Forest area and 200 trees are coming under non forest area. These villages are the part of the Elephant Corridor area of Dandel Elephant Reserve areas. As already reported, Man-animal conflicts are more in these areas and every year Elephants travel from Dandeli to the project area. As per estimation 5111 trees are coming under forest area, these trees are having girth of 200-350 c.m., if these trees are extracted, their will be negative impact on ecological balance and environment. For example, Kunkam, Sissum, Gulamavu, Dalchinni, Devdhar, Nandi, Antawala, Chapera etc., are the tree species prevailing the proposed forest area.
12	Londa	Proposed forest areas are the sources of water since from very long period and are the sources of water for flora and fauna, also for Tanks and Nalas surrounding the villages. Adjacent villages are depending on these water sources for drinking water and for their cattles. Implementation of this project will have negative serious impact on all these water sources. In turn, cause serious water problems to wild animals and adjacent villages who are depending for agricultural and for drinking water.

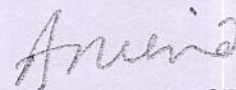
Details of various type of bamboos and trees coming under the proposed project area.

Sl. No.	Location and survey number	Bamboo species	No. of Marked bamboo clumps	No. of Bamboos	Remarks		
1	Satnali F.S.Y. No.13 and Machali F.S.Y.No. 9,13	Bamboosa Bamboo	76	652			
		Medri Bamboo	7	55			
2	Watra F.S.Y.No.20	Dowga Bamboo	2	35			
3	Shindoli B.K. F.S.Y.No.33, 45 and Kapoli F.S.Y.No.93/B	Dowga Bamboo	258	2399			
Total			343	3141			
Londa Range							
Sl. No.	Location and survey number	Tree species	No. of Trees marked	Estimated Forest produce (Cum/No.)			Remarks
				Timber (Cum)	Firewood (Cum)	Billets (Cum)	
1	Manjarpai F.S.Y.No. 11,12, 13	Jungli	135	2.860	19.420		
		Teak	278	0.231	21.351		
Total			413	3.091	40.771		
2	Saatanali F.S.Y.No. 17	Jungli	620	15.326	76.223		
		Teak	1	0.000	0.017		
		Sissum	15	0.063	0.773		
Total			636	15.389	77.013		
3	Saatanali F.S.Y.No. 13 and Machali F.S.Y.No.9, 13, 28	Jungli	1088	127.865	460.360		
		Teak	33	0.131	1.986		
		Sissum	3	0.116	0.416		
Total			1124	128.112	462.762		
4	Shindolli B K F.S.Y.No.33,45 and Kapoli F.S.Y.No.93/B	Jungli	2038	113.590	996.95		
		Teak	12	0.000	0.806		
		Sissum	41	0.094	6.324		
Total			2091	113.684	1004.08		
5	Londa F.S.Y.No.20	Jungli	8	0.229	1.693		
6	Londa F.S.Y.No. 13, 16,35, 37	Sissum	3	0.000	0.139	0.010	
		Jungli	493	20.438	90.561	8.321	
Total			496	20.438	90.7	8.331	
Grand Total			4768	280.943	1677.019	8.331	

Reports of Range Forest Officer, Golihalli, Nagargali and Londa and the respective Assistant Conservator of Forests are appropriate. The proposed forest areas are considered as very sensitive western ghat natural forest areas managing ecological balance having rich in biodiversity. Implementing of this project will create ecological imbalance, this will cause

serious effects on forest, ecology and environment, along with wild life habitat and water resources prevailing in these areas. Hence, to avoid all above situations and negative impacts, it is opined that, it is better to find alternate route for the Goa Tammanar Project. Therefore, proposed Goa-Tammanar project may be rejected under Forest (Conservation) Act 1980. This is for your kind perusal and needful action.

Yours faithfully,



Deputy Conservator of Forests,

Belagavi Division, Belagavi.

Site Inspection Report of Deputy Conservator of Forests, Belagavi Division, Belagavi

On 18-11-2023 and 02-12-2023, along with officials of Goa Tamnar Transmission Line Project, Assistant Conservator of Forest Nagargalli and Khanapur, Range Forest Officers Gollihalli, Nagargalli and Londa Range, I have inspected the Goa Tamnar Transmission Project – LILO of Narendra (New) to Narendra (Existing) 400 KV D/C (Quad) Transmission Line at Xeldem.

During inspection it was observed that the above transmission line projects passes through Gollihalli, Nagargalli and Londa Ranges in Belagavi Division. The Forest Survey Number wise area details are as below:-

Sr. No.	Village	F.Sy.No	Area(Ha.)
1	Betawadi	2	0.479
2	Dehgaon	346, 345, 344, 338, 337, 336, 259, 260, 261, 267, 266, 267, 272, 273, 274, 276	13.370
3	Gashtoli	32, 34, 35, 31	4.090
4	Halga	137, 116, 147, 152, 138	6.543
5	Kirhalsi	64	5.282
6	Kulavalli	344, 346, 348, 28, 33, 32	6.840
7	Londa	20	0.417
8	Machali	9, 13, 28	3.210
9	Malwad	35, 77	12.004
10	Manjarpai	12, 13/B, 11	1.547
11	Potoli	35, XX-(33), 16, 13	1.762
12	Sakanali (Satnalli)	13, 17	3.173
13	Shindholi Budaruka	33, 45	8.457
14	Sonenhatti	112, 132	2.849
	TOTAL		70.023

Thus the total area to be diverted for the proposed transmission line in Belagavi Division is 70.023 ha. The land demarcation and the marking of trees by the Goa Tamnar Transmission Line Project is of 4 years old, this should be re-verified, re-enumerated and re-demarcated clearly. Hence, it is not possible to report the present status of the area.

The villages of proposed forest area are the part of Dandeli Elephant Reserve and the Elephant Corridor area. Scientific study proves that elephants are having long life span. Every year they use their regular ways in search of food, water and shelter. Extraction of trees may attract negative impact on the elephant reserve areas.

Proposed project areas are forest areas having rich flora, fauna and habitat of wild animals viz., Elephant, Bear, Tiger, Leopard, Indian Pengolin etc., which are coming under Schedule 1 of Wild Life Protection Act 1972. As per the guidelines and study report of Indian Wild Life Institute, Dehradun, Linear project have severe impact on Wild

Life habitats. Man-animal conflicts are reported more in these proposed forest area and surrounding villages. Due to this project Man-animal conflicts will increase and that results in raise in crop compensation, wildlife menace, and human injury etc.

Proposed forest areas are the sources of water, since from very long period and are the sources of water for flora and fauna, also for Tanks and Nalas surrounding the villages. Adjacent villages are depending on these water sources for drinking water and for their cattles. Implementation of this project will have negative serious impact on all these water sources. In turn, cause serious water problems to wild animals and adjacent villages who are depending for agricultural and for drinking water.

The proposed forest areas are considered as very sensitive western ghat natural forest areas managing ecological balance having rich biodiversity. Implementing of this project will create ecological imbalance, this will cause serious effects on forest, ecology and environment, along with wild life habitat and water resources prevailing in these areas.

To avoid all above situations and negative impacts, it is opined that, it is better to find alternate route for the Goa Tammanar Project. Hence, I recommend for rejection of the proposed Goa-Tammanar project under Forest (Conservation) Act 1980.

Aneend
Deputy Conservator of Forests,
Belagavi Division, Belagavi.

FORMAT – C

CA LAND SUITABILITY CERTIFICATE UNDER FCA 1980

[Cases where compensatory afforestation is to be taken up in double the extent of forest land diverted in degraded/deemded forest area]

In compliance of the procedure established for diversion of forest land for non-forest purpose through the Forest Conservation Rules 2003 and guidelines framed under the Forest (Conservation) Act (FCA) 1980, the following is certified.

1. The degraded/deemed forest land parcel(s) proposed for raising compensatory afforestation (CA) in forest land diversion proposal number **FP/KA/TRANS/37754/2018 of GOA TAMNAR TRANSMISSION PROJECT LTD** (name of User agency) for diversion of **70.023** hectare of forest land in Belagavi Division(s) has/have been inspected by me on 01-12-2023 (date). The details of the said land parcel(s) are shown in the table hereunder.
2. The said deemed forest CA land parcel(s) proposed by the User Agency has/have been assigned for the purpose of raising CA for the instant proposal vide Revenue Department order number dated: . (stike out in case of degraded forest lands)
3. The said degraded forest CA land parcel(s) are suitable for raising compensatory afforestation in accordance with Government of India FC Guidelines F. No.11-423/2011-FC dated 08-11-2017 read with general FC Guidelines.
4. The KML file(s), Topo Map(s), Geo-referenced Map(s) & GPS readings of all corners of the proposed degraded forest land parcel(s) have been uploaded in PART-II of the proposal.
5. The KML file(s), Topo Map(s), Geo-referenced Map(s) & GPS readings of all corner of the proposed deemed forest land parcel (s) have been uploaded by the User Agency in PART-I of the proposal.
6. Additional remarks, in any.....

District, Taluk & Hobli	Details of degraded forest			Extent proposed
	Name of forest	Village	Survey Number	A-G (Ha)
(1)	(2)	(3)	(4)	(5)
Belagavi, Gokak, Gokak	Reserved Forest	Gujnal	270(57)	123.55 (50.0)
Belagavi, Belagavi, Hirebagewadi	Reserved Forest	Candur Tummaraguddi	13 136	247-10 (100.0)
Total				370.65 (150.0)

Place: Bealgavi
Date: -12-2023

Aceind
Deputy Conservator of Forests,
Belagavi Division, Division

Indicative cost Estimation for Raising and Maintenance of Compensatory Afforestation

Extent :

140.046 Ha

Particulars	Advance work Year	Raising Year	ABSTRACT (Amount in Rs.: Cost per hectares)										Grand Total		
			Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10			
A: Advance works															
1 Advance works (Including raising of Pbs of 8x12 size)	20,418,707														20,418,706.80
B: Raising of Plantation															
1 Raising of Plantation in advance worked area		11,623,818													11,623,818.00
2 Maintenance of seedlings before planting (8"x12" Size Pbs 1200 pbs @ Rs.7.46 each)		1,253,692													1,253,691.79
3 Raising nursery for replacement of casualties next year 10% (8"x12" Size 100 Pbs @ Rs.26.29 =Rs. 292.90)		368,181													368,180.93
C: Maintenance of Plantation (with Casualty Replacement, Cultural operations and manuring)															
1 Maintenance of the Plantation during 1st year			6,007,973												6,007,973.40
2 Maintenance of Seedlings raised for casualty replacements (8"x12" Size 100 Pbs @ Rs.7.46 =Rs. 74.60)			104,474												104,474.32
D: Maintenance of plantation (with cultural operations & manuring)															
1 Maintenance of Plantation during 2nd year				4,999,642											4,999,642.20
E: Maintenance of Plantation (with cultural operations but without manuring)															
1 Maintenance of Plantation during 3rd year					4,117,352										4,117,352.40
2 Maintenance of Plantation during 4th year						4,117,352									4,117,352.40
3 Maintenance of Plantation during 5th year							4,117,352								4,117,352.40
F: Maintenance of Plantation (without cultural operations)															
1 Maintenance of Plantation during 6th year								1,218,400							1,218,400.20
2 Maintenance of Plantation during 7th year									1,218,400						1,218,400.20
3 Maintenance of Plantation during 8th year										1,218,400					1,218,400.20
4 Maintenance of Plantation during 9th year											1,218,400				1,218,400.20
5 Maintenance of Plantation during 10th year												1,218,400			1,218,400.20
Total : (A to F)													1,218,400		1,218,400.20
I Total (A to F) Amount after takling 10% escalation cost for each year (Compounding factor at 10%)	20,418,707	13,245,691	6,112,448	4,999,642	4,117,352	4,117,352	4,117,352	4,117,352	1,218,400	1,218,400	1,218,400	1,218,400	1,218,400	1,218,400	1,218,400.20
II Soil and Moisture conservation measures (15% on total plantation cost)	22,460,577	16,027,284	8,135,692	7,319,924	6,631,038	7,294,156	8,023,515	2,611,718	2,872,904	3,159,998	3,471,180	3,823,816	1,218,400	1,218,400	63,220,545.64
III Resurveying redemarcation and other works for Section 4 notification (LS)	13,774,785														13,774,784.51
IV Chainlink fencing (Considering 200 meter average periphery) (10% escalation over tares adopted for 2021-22)	1,591,063														1,591,062.61
Total Advance work Year to 10th Year of Maintenance (I+II+III+IV)	137,682,724														137,682,723.75
Administration & Supervision Charges @ 5% of above	175,509,148	16,027,284	8,135,692	7,319,924	6,631,038	7,294,156	8,023,515	2,611,718	2,872,904	3,159,998	3,471,180	3,823,816	1,218,400	1,218,400	244,880,374.27
GRAND TOTAL															12,244,081.73
															257,124,456.00

Aneend
Deputy Conservator of Forests,
Belagavi Division, Belagavi.

PART-II

(To be filled by the concerned Deputy Conservator of Forest)

State Serial No. of proposal : KA-08/2019

1. Location of the project/Scheme : Karnataka

(i)

State / Union Territory : Karnataka

(ii)

District : Dharwad,Belgaum,Uttara Kannada

(iii)

Forest Division : Dharwad,Belgaum,Haliyal,Dandeli Wildlife

(iv)

Area of forest land proposed for diversion (in ha.) : 174.652

(v)

Category of the Proposal: Transmission Line

2. Legal status of forest land proposed for diversion

S. No.	Division	Forest Land(ha.)	Legal Status
1	Haliyal	64.845	Reserved Forest
2	Dharwad	7.758	Reserved Forest
3	Belgaum	70.023	Reserved Forest
4	Dandeli Wildlife	32.026	Reserved Forest
Total		174.652	

Division 1. : Belgaum

3. District wise area to be diverted in the division

S. No.	District	Area(ha.)
1	Belgaum	70.023
Total		70.023

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	70.023	0.4	Eco 1
Total.	70.023		

(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	Acacia Ariciloformis	Acacia	36	312	222	70	9	4
2	Ficus Bengalensis	Amla	4	16	0	0	0	0
3	Others	Arale	0	0	1	0	0	0
4	Ficus Racemosa	Atti	0	1	2	1	3	3

5	Others	Baage	0	15	3	3	1	0
6	Others	Basari	0	0	3	1	0	3
7	Others	Basavanapad	3	22	24	3	2	1
8	Couroupita Guianensis	Bathri	0	0	0	0	3	0
9	Albizia Procera	Belhati	10	101	37	13	5	6
10	Others	Bendi	2	40	14	1	2	0
11	Terminalia Arjuna	Billi Matti	8	104	48	13	5	3
12	Others	Bural	0	7	3	1	0	1
13	Others	Coconut	0	0	4	3	0	0
14	Others	Char	43	187	68	11	1	2
15	Others	Chiku	3	8	0	0	0	0
16	Grewia Tiliaefolia	Dawan	22	229	72	10	6	3
17	Others	Dindal	68	510	87	14	2	1
18	Others	Fanne	0	1	0	0	0	0
19	Others	Gobbar	89	1466	395	50	1	1
20	Alstonia Scholaris	Godal	2	38	16	10	0	1
21	Delonix Regia	Goddanchi	2	39	24	2	1	1
22	Others	Gujal	15	107	48	13	5	1
23	Others	Hanmanki	0	2	3	0	0	0
24	Adina cordifolia	Heddy	3	13	8	5	2	1
25	Others	Herla	0	1	0	0	1	0
26	Others	Hippe	0	4	1	2	1	1
27	Pterocarpus Marsupium	Honne	3	66	34	6	2	2
28	Pongamia Pinnata	Honge	4	34	29	1	0	2
29	Tamarindus Indica	Hunase	0	0	0	1	0	0
30	Artocarpus Heterophyllus	Jack Fruit	0	1	0	0	1	1
31	Xylia Xylocarpa	JAMBA	248	1243	220	239	199	52
32	Others	Jangali	148	764	139	48	14	19
33	Others	Kalam	0	7	4	3	2	2
34	Anacardium Occidentale	Kaju	6	77	45	12	3	0
35	Others	Kakke	4	6	1	0	0	0
36	Others	Karibavu	0	3	0	0	0	0
37	Others	Katekawach	2	49	18	8	0	4
38	Others	Kavalu	7	164	44	13	4	2
39	Acacia Catechu	Khair	1	9	2	0	0	0
40	Others	Khatwal	0	0	0	0	0	1
41	Terminalia Paniculata	Kindal	369	1748	345	189	104	78
42	Others	Kippy	0	1	0	0	0	0
43	Others	Kochekati	0	0	0	1	0	0
44	Others	Kutman	0	1	0	0	0	0
45	Others	Kyar	0	2	0	0	0	0
46	Mangifera Indica	Mango	5	18	6	9	8	23
47	Others	Mangri	1	8	5	1	0	0
48	Terminalia Tomentosa	Matti	165	2068	709	189	127	82

49	Others	Mavu	0	3	3	4	2	1
50	Others	Murki	22	163	36	11	3	1
51	Butea Monosperma	Muttal	17	154	60	25	17	9
52	Others	Nandi	22	190	67	29	36	52
53	Azadirachta Indica	Neem	0	1	2	0	0	0
54	Others	Nelli	26	120	13	6	0	4
55	Syzigium Cumini	Nerale	29	200	79	36	5	5
56	Eucalyptus	Nilgiri	487	1862	67	3	0	0
57	Others	Pawa	2	1	0	0	0	0
58	Others	Pachari	0	6	9	5	4	4
59	Ficus Religiosa	Pipal	0	0	0	0	0	2
60	Others	Sirasal	4	64	56	18	2	4
61	Dalbergia Latifolia	Sisham	12	151	53	15	2	2
62	Others	Sowral	0	17	6	7	5	4
63	Others	Tapsi	0	2	2	1	2	0
64	Others	Tapsi	0	2	2	1	2	0
65	Others	Tari	19	83	30	15	3	5
66	Tectona Grandis	Teak	208	1119	271	56	7	2
67	Others	Tikko	0	0	1	0	0	0
68	Others	Yarti	0	0	0	1	0	0
69	Bamboo	Bamboo	264	0	0	0	0	0
70	Others	Apto	1	21	3	0	0	0
71	Others	Baba	1	6	0	0	0	0
72	Others	Bebo	1	2	0	0	0	0
73	Ficus Bengalensis	Banyan	0	4	2	2	1	8
74	Semecarpus Anacardium	Belmad	0	0	0	1	0	0
75	Others	Chandaro	2	22	9	5	0	0
76	Tamarindus Indica	Emlu	1	2	2	0	0	0
77	Couroupita Guianensis	Geli	80	240	10	3	0	0
78	Ficus Racemosa	Gular	0	3	3	1	2	2
79	Terminalia Chebula	Hardha	0	21	26	22	8	7
80	Pongamia Pinnata	Hulgul	2	28	17	9	1	2
81	Others	Kalagonda	5	43	27	18	20	10
82	Others	Karmal	40	125	27	1	0	0
83	Garcinia Indica	Kokam	0	9	4	1	3	0
84	Others	Kuda	6	44	9	2	0	0
85	Others	Kumbi	73	418	72	12	2	4
86	Others	Kumkum	4	35	6	2	2	2
87	Others	Kuska	0	1	0	1	0	0
88	Albizzia lebbeck	Miryu	6	10	0	0	0	0
89	Others	Sambli	0	0	1	0	0	0
90	Bombax Ceiba	Sawar	1	12	9	6	1	1
91	Others	Shivon	0	3	0	1	0	0
92	Albezzia Labbeck	Siras	11	62	31	10	5	1

93	embelica officinalis	Trifal	0	7	1	0	0	0
94	Others	Ala	0	5	2	0	0	1
95	Others	Antawal	0	0	0	0	0	2
96	Others	Burunga	0	9	3	3	1	1
97	Others	ChLLEKAYI	0	11	1	0	0	0
98	Others	Chaperi	0	0	1	0	0	0
99	Others	Churan	0	2	0	0	0	0
100	Others	Dalchinni	1	6	2	0	0	0
101	Others	Devdaran	0	3	7	4	1	4
102	Others	Gelan	2	19	3	4	2	1
103	Others	Gulmav	0	4	2	1	2	1
104	Others	Halsu	0	0	2	0	0	0
105	Others	Holematti	0	1	1	1	0	0
106	Others	Kanagalu	3	5	5	4	1	0
107	Others	Karambal	3	40	9	0	0	2
108	Others	Meri	0	1	2	0	0	0
109	Syzigium Cumini	Nerale	5	37	66	52	91	39
110	Others	Okkamba	0	0	0	0	0	1
111	Others	Roktohonne	0	2	0	0	0	0
112	Gmelin Arborea	Shivane	0	22	7	2	0	0
113	Terminalia Bellarica	Tare	4	214	44	10	18	31
Total			2637	15129	3857	1357	765	516
Sub Total (No of Trees.)			24261					

5. **Working plan prescription for the forest land proposed for diversion :** Elephant Corridor area

6. **Brief note on vulnerability of the forest area to erosion :**

Project is construction of Transmission line only, so the erosion to the forest area will be negligible

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 :** Elephant, Tiger, Panther, Bear, Snakes, Peacock,

(ii). **Whether forms part of national park, wildlife sanctuary, biosphere reserve,tiger reserve, elephant corridor, wildlife migration corridor etc. :** Yes

Details and comments on the impact of Project on such areas : Wild life and Elephant movement is noticed in the area. Hence, mitigation measures needs to be taken.

(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 :** Yes

Details and comments on the impact of Project on such areas : Wild life mainly Elephant movement is noticed in the area. Hence, mitigation measures needs to be taken.

(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) : NIL

13. Details of compensatory afforestation scheme

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

(i).

Total Financial Outlay for C.A(lacs): 2360.590

Patch Wise Details						
S.no	Patch No.	Area(ha.)	Name of PF/RF	Range	Compartment No	Uploaded KML file of patch
1	2	50	RF	Gujnal	F S No 270 (57)	 View file
2	3	100	RF	Nesargi	F S No 13 & 136	 View file

(ii).

Copy of CA scheme details:



(iii).

Scanned copy of the Geo-referenced map of the forest land proposed for C.A. prepared by using DGPS or Total Station:



(iv).

Copy of Survey of India Toposheet indicating boundary of forest land proposed for C.A.:



(V). Copy of NOC from Competent Authority :



Additional information Details

S. No.	Documents	Remarks
NIL		

Division 2. : Dandeli Wildlife

3. District wise area to be diverted in the division

S. No.	District	Area(ha.)
1	Uttara Kannada	32.026
Total		32.026

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	32.026	0.4	Eco 1
Total.	32.026		

(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	Others	Banate	0	1	0	0	0	2
2	Others	Olan	0	0	1	0	0	0
3	Others	Aanjan	5	184	36	15	3	1
4	Others	Aandmurugal	2	10	4	1	2	1
5	Acacia Auricuiformis	Acacia	3	39	105	101	13	0
6	Others	Ambeti	0	69	14	5	1	1
7	Ficus Racemosa	Atti	0	1	1	0	0	0
8	Others	Bhedas	8	161	61	20	5	4
9	Others	Belisarale	1	67	4	2	0	0
10	Caryota Urens	Bagani	0	1	5	1	0	0
11	Others	Biptadi	0	4	1	0	0	0
12	Hopea parviflora (Kiral bogi)	Bogi	0	4	0	2	0	0
13	Mimusops Elengi	Bokula	0	0	2	0	0	0
14	Others	Chandakal	2	194	51	4	0	0
15	Others	Chapera	0	4	3	0	0	0
16	Others	Churna	0	1	0	0	0	0
17	Cinnamomum Zeylanicum	Dalchini	25	389	123	21	6	1
18	Grewia Tiliaefolia	Dhaman	3	41	30	5	1	0
19	Others	Darbiravand	0	1	0	0	0	0
20	Others	Durvasane	0	2	0	0	0	0
21	Alberia Lebbac (Dirshanam)	Gojjalu	0	2	1	0	0	0
22	Others	Gulmaavu	0	3	4	2	1	0
23	Artocarpus Heterophyllus	Halasu	0	1	1	0	0	0
24	Terminalia Chebula	Harada	1	54	10	5	1	0
25	Others	Holegera	3	25	19	5	4	2
26	Pterocarpus Marsupium	Honne	0	5	4	2	1	0
27	Artocarpus Heterophyllus	Jackfruit	0	12	7	4	0	1
28	Others	Jangali	18	556	153	37	28	15
29	Others	Kadha	0	5	1	0	0	0
30	Others	Kadulimbu	6	3	0	0	0	0
31	Wrigtria Tingtoria	Kalagonda	7	312	65	15	1	1
32	Others	Kanagal	1	4	4	0	0	0
33	Others	Karamare	0	2	0	0	0	0

34	Others	Karambal	1	138	28	0	2	1
35	Others	Kare	0	66	4	1	0	1
36	Others	Karemala	0	1	0	0	0	0
37	Others	Karibeu	1	0	0	0	0	0
38	Others	Karimara	17	168	18	7	1	0
39	Others	Katekawach	0	28	9	2	0	0
40	Others	Katemar	0	1	0	0	0	0
41	Others	Kavalu	0	201	35	1	0	2
42	Terminalia Paniculata	Kindal	1	756	254	19	2	2
43	Garcinia Indica	Kokam	0	11	2	0	0	0
44	Others	Kumbli	0	8	0	0	0	0
45	Others	KUMKUM	1	12	3	0	0	0
46	Others	Kunjan	0	2	1	0	0	0
47	Others	Lavaki	4	125	23	3	0	1
48	Mangifera Indica	Mango	0	10	3	0	1	5
49	Terminalia Tomentosa	Matti	5	521	335	67	16	14
50	Others	Miryo	0	31	7	1	0	1
51	Others	Mitragaina	0	3	0	0	0	0
52	Others	Magarkuda	1	55	7	1	0	0
53	Lagistromia Lanceolata	NANDI	20	588	187	58	23	8
54	Others	Navaladi	0	3	0	0	0	0
55	embelica officinalis	Nelli	0	8	0	0	0	0
56	Syzigium Cumini	Nerale	7	576	240	41	5	6
57	Others	Nurkau	0	2	0	0	0	0
58	Others	Parangi	0	1	0	0	0	0
59	Others	Pav	0	29	13	3	6	0
60	Others	Ramat	0	4	0	0	0	0
61	Others	Rampatre	1	4	5	0	0	0
62	Others	Rumbad	0	7	0	1	0	0
63	Others	Salaki	35	756	192	35	10	5
64	Others	Serale	0	9	7	1	0	1
65	Dalbergia Latifolia	Sissum	0	36	17	3	0	1
66	Others	Suklni	10	1073	234	48	10	0
67	Others	Suragi	1	19	5	1	1	0
68	Calophyllum Inophyllum	Surahonne	1	6	6	3	1	0
69	Terminalia Bellarica	Tare	0	22	29	22	13	6
70	Others	Waatehuli	0	0	1	0	1	0
Total			191	7437	2375	565	159	83
Sub Total (No of Trees.)			10810					

5. Working plan prescription for the forest land proposed for diversion :

Since the proposed land is part of protected area. There are no working plan prescriptions.

6. Brief note on vulnerability of the forest area to erosion :

Forest area is highly vulnerable for the erosion because of heavy rainfall in the region.

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 :** Tiger, Leopards including black panthers, Indian gaur,sambar, spotted deer,hornbills,bears etc.The castlerock night frog is endemic to this area

(ii). **Whether forms part of national park, wildlife sanctuary, biosphere reserve,tiger reserve, elephant corridor, wildlife migration corridor etc. :** Yes

Details and comments on the impact of Project on such areas : The Project will be implemented in the areas of western ghats having fragile eco system and will lead to a.Loss of forest habitat b.Change in species composition c.Change in abundance in faunal group

(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 :** Yes

Details and comments on the impact of Project on such areas : The Project will be implemented in the areas of western ghats having fragile eco system and will lead to a.Loss of forest habitat b.Change in species composition c.Change in abundance in faunal group

(v). **Whether any rare/endangered/unique species of flora and fauna found in the area :** Yes

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) : NIL


13. Details of compensatory afforestation scheme

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

(i).

Total Financial Outlay for C.A(lacs): 1184.22

Patch Wise Details						
S.no	Patch No.	Area(ha.)	Name of PF/RF	Range	Compartment No	Uploaded KML file of patch
1	1	42.00	RF	Tinaighat	Devalli section Ramewadi beat	 View file

2	2	22.50	RF	Tinaighat	Devalli Section Kunigini Beat		View file
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(ii).

Copy of CA scheme details: 

(iii).



Scanned copy of the Geo-referenced map of the forest land proposed for C.A. prepared by using DGPS or Total Station: 

(iv).

Copy of Survey of India Toposheet indicating boundary of forest land proposed for C.A.: 

(V). Copy of NOC from Competent Authority : 

Additional information Details

S. No.	Documents	Remarks
1		Deputy Conservator of Forests and Field Director, Project Tiger, Dandeli. Site inspection report
2		Deputy Conservator of Forests and Field Director, Project Tiger, Dandeli. Recommendation report

Division 3. : Dharwad

3. District wise area to be diverted in the division

S. No.	District	Area(ha.)
1	Dharwad	7.758
Total		7.758

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	7.758	0.3	Eco 3
Total.	7.758		

(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	Misc. Species	Kawal	0	1	0	0	0	0
2	Butea Monosperma	Muttal	0	9	1	0	0	0
3	Azadirachta Indica	Neem	0	2	0	0	0	1
4	Eucalyptus	Nilgiri	0	2	1	0	1	1
5	Santalum Album	Sandal	3	0	0	0	0	0
6	Tectona Grandis	Teak	9	68	1	0	0	0
7	Acacia Nilotica	Karijail	0	2	0	0	0	0
8	Albizia Procera	Godd hunse	0	2	0	0	0	0

9	Thespesia Populenea	Terdh	0	1	0	0	0	0
10	Misc. Species	Baylot	0	1	0	0	0	0
11	Misc. Species	Jungli	0	2	0	0	0	0
12	Bambusa Bamboo	Bamboo	1550	0	0	0	0	0
13	Acacia Ariciloformis	Acacia	34	508	40	1	0	0
14	Pterocarpus Marsupium	Honne	1	29	22	1	0	0
15	Phyllanthus Emblica	Nelli	0	1	0	0	0	0
16	Acacia Catechu	(Snegegalia catechu) Khair	0	5	0	0	0	0
17	Albizia lebbeck	Bagge	0	1	0	0	0	0
Total			1597	634	65	2	1	2
Sub Total (No of Trees.)			2301					

5. Working plan prescription for the forest land proposed for diversion : Bamboo & Acacia Plantations

6. Brief note on vulnerability of the forest area to erosion : Chances of significant erosion is minimum

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, Barking deer, Wild Boar, Jackal, Hare, Pangolin, Wildboar, Porcupine, Civet cat, Rock python, Russel's viper, Peacock, Woodpecker, Hornbill, Kingfishers, Flycatchers, Peafowl etc.

(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

(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) : NIL

13. Details of compensatory afforestation scheme

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

(i).

Total Financial Outlay for C.A(lacs): 116.00005

Patch Wise Details						
S.no	Patch No.	Area(ha.)	Name of PF/RF	Range	Compartment No	Uploaded KML file of patch
1	1	16	Varav-Nagalavi Reserve Forest	Dharwad	Forest Block VIII	 View file

(ii).

Copy of CA scheme details:



(iii).

Scanned copy of the Geo-referenced map of the forest land proposed for C.A. prepared by using DGPS or Total Station:



(iv).



Copy of Survey of India Toposheet indicating boundary of forest land proposed for C.A.:



(V). Copy of NOC from Competent Authority :



Additional information Details

S. No.	Documents	Remarks
1		
2		User agency through letter dated 26-11-2025 has stated that, they will minimize the tree cutting required for the proposal from 2301 to 560 by adapting modern technology.

Division 4. : Haliyal

3. District wise area to be diverted in the division

S. No.	District	Area(ha.)
1	Uttara Kannada	64.845
Total		64.845

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	64.845	0.75	Eco 1
Total.	64.845		

(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	Ficus Bengalensis	Aal	0	0	0	0	0	16
2	Acacia Ariciliformis	Acacia	438	3291	65	32	16	0

3	Albezzia Labbeck	Bilvar	0	32	32	16	0	0
4	Cinnamomum Zeylanicum	Dalachinni	97	438	146	16	0	0
5	Grewia Tiliaefolia	Dhaman	0	16	65	0	0	0
6	Terminalia Chebula	Harada	340	146	81	16	0	16
7	Artocarpus Heterophyllus	Halasu	0	32	16	16	0	0
8	Xylia Xylocarpa	Jamba	0	243	81	81	113	0
9	Cassia Fistula	Kakke	0	16	0	0	0	0
10	Melia Azadirachta	Kalagonda	146	811	292	49	32	16
11	Moreya Koengii	Karibevu	0	16	0	0	0	0
12	Terminalia Paniculata	Kindal	146	1394	681	227	81	32
13	Terminalia Tomentosa	Matti	97	1572	1151	584	178	113
14	Mangifera Indica	Mavu	0	65	0	32	65	97
15	Lagistromia Lanceolata	Nandi	324	49	16	0	32	32
16	Syzigium Cumini	Nerale	65	551	438	503	162	65
17	Gmelina Arborea	Shivani	0	16	0	0	0	0
18	Dalbergia Latifolia	Sissum	0	32	16	0	0	0
19	Terminalia Bellarica	Taare	0	63	16	0	0	16
20	Garcinia Indica	Kokam	0	324	16	16	0	0
21	Pongamia Pinnata	Honge	0	0	0	0	0	16
22	Others	Jungli Misc Species	922	10141	3420	1002	371	113
23	Misc. Species	Anjan	178	1524	746	389	65	16
Total			2753	20772	7278	2979	1115	548
Sub Total (No of Trees.)			35445					

5. Working plan prescription for the forest land proposed for diversion :

Year wise salvaging and improvement operations have been prescribed. Removal of dead and Decay trees on 10 year rotation. Soil and Moisture Conservation (SMC) works, tending operations, Gap planting and fire protection measures are proposed.

6. Brief note on vulnerability of the forest area to erosion : vulnerable to erosion.

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 :** Tigers, Indian Gaur, Leopards, Spotted Deers, Sloth Bear, Monkeys, King Cobra, etc.

(ii). **Whether forms part of national park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, wildlife migration corridor etc. : Yes**

Details and comments on the impact of Project on such areas : The Project will be implemented in the areas of western ghats having fragile eco-system and will lead to a. Loss of forest habitat b. Change in species composition C. Change in abundance in faunal group, d. Affects Wildlife movement in the area. Wildlife mitigation measures needs to be taken.

(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 : Kali Tiger Reserve ESZ. The wildlife movement might be affected. Hence, mitigation measures needs to be taken up.

- (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 Project will be implemented in the areas of western ghats having fragile eco-system and will lead to a. Loss of forest habitat b. Change in species composition C. Change in abundance in faunal group, d. Affects Wildlife movement in the area. Hence, Wildlife mitigation measures needs to be taken.

- (v). Whether any rare/endangered/unique species of flora and fauna found in the area : Yes

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) : NIL

13. Details of compensatory afforestation scheme

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

- (i).

Total Financial Outlay for C.A(lacs): 2386.799

Patch Wise Details						
S.no	Patch No.	Area(ha.)	Name of PF/RF	Range	Compartment No	Uploaded KML file of patch
1	1	51	Guledakoppa Reserve Forest	Haliyal	18	 View file
2	2	28	B K Halli Reserve Forest	Haliyal	244	 View file
3	3	3	B K Halli Reserve Forest	Haliyal	236	 View file
4		48.00	Guledakoppa and Belavatgi Reserve Forest	Haliyal	6, 65(95)	 View file

- (ii).

Copy of CA scheme details:



- (iii).

Scanned copy of the Geo-referenced map of the forest land proposed for C.A. prepared by using DGPS or Total Station:



- (iv).








Copy of Survey of India Toposheet indicating boundary of forest land proposed for C.A.:



- (V). Copy of NOC from Competent Authority :



Additional information Details







S. No.	Documents	Remarks
1		Google Imagery Maps
2		In the interest of Western Ghats and Bio-diversity, Reject the proposal of lease for 40.146 Ha of Forest Land,
3		CA Suitability Certificate
4		CA Amount Details
5		Recommandation Letter
6		Site Inspection Report
7		Village maps

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	Belgaum	1341500	176568.93	778.58	20	280.12	21/12/2019	280.12	314.27
2	Dharwad	427329	37525.191	66.4516	10	58.24	02/12/2023	58.24	27.72
3	Uttara Kannada	140095.115	106792.987	295.795	23	302.15	30/11/2023	302.15	47.120
4	Uttara Kannada	165898.901	138658.68	28	1	0		0	0

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
Haliyal	Kanara	DFO	Yes	One		05/10/2019
Belgaum	Belgaum	DFO	Yes	One		02-10-2019
	Kanara	CF	Yes	One		02/01/2020
	Belgaum	CF	Yes	Two		15/02/2020,03/03/2020
	Dharwad	CF	Yes	One		17/04/2020
		Nodal Officer	No		No Data	
Dharwad	Dharwad	DFO	Yes	Two		19/09/2019,07/10/2023
Dandeli Wildlife	Kanara	DFO	Yes	Two	No Data	27/09/2023,30/11/2023


(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
Haliyal	Kanara	DFO	Recommended	Recommended		
Dharwad	Dharwad	DFO	Recommended	Recommended the diversion of above said forest area for the purpose of Goa Tamnar Transmission Line LILO of one ckt of Narendra Existing Narendra New 400kv D/C Quad Transmission Line Project as per Forest Conservation Act 1980.		
Belgaum	Belgaum	DFO	Not-Recommended	Not recommended		
Dandeli Wildlife	Kanara	DFO	Recommended	Recommended		
	Kanara	CF	Recommended	Recommended		Yes
	Belgaum	CF	Not-Recommended	Not recommended		Yes
	Dharwad	CF	Recommended	I recommend the diversion of above said forest area for the purpose of Goa Tamnar Transmission Line LILO of one ckt of Narendra Existing Narendra New 400KV D/C Quad Transmission Line project as per Forest Conservation Act 1980. This project should align itself with the Environment protection Act and other such acts/rules in using forest land. Sufficient protection measures should be taken in the usage, management and protection of forest resources and provide		Yes

				necessary resources during the fire season to mitigate it.		
		Nodal Officer	Recommended	Recommended		

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