

**OFFICE OF THE EXECUTIVE ENGINEER,
ELECTRICITY DEPARTMENT, DIVISION - III,
Curti, Ponda, Goa – 403 401**

E-mail : - eediv3@yahoo.com

Mob. No. 8380015003

No. Tender-01(2021-22)/EE-III/2022-23/ **2208**

Date:- **03/11/2022**

To,
The Deputy conservator of Forest;
Forest Department(North),
Ponda-Goa.

Name of work: Renovation of existing 110 KV Supa I & II EHV Lines and commissioning of new of 110KV D/C Towers line from Mollem to Collem for releasing 6000KVA Power supply to the Divisional Manager Southwest Railway (Hubli).

Work Order: No.Tender-01/21-22/EE(SS)/21-22/2188 dtd: 09/11/2021

Sub:- **Proposal for Diversion of 0.854 ha. of Forest land for Renovation of existing 110KV Supa-I & II EHV lines and commissioning of new 110KV D/C Tower Line from Mollem to Collem for releasing 6000KVA Power supply to South Western Railway in North Goa Division and District in favour of Electricity Department, Curti, Ponda, Goa-reg.**

Ref: - 1) F. No. 4-GOB1383/2022-BAN/873 dtd:01/11/2022.
2) No. 6-935-2022-23-FD/3375 dtd:02/11/2022.

Sir,

With reference to the above, the information/clarification sought vide letter at ref. 1 is as follows:

Sr. No.	Reply
1.	Clarification 1: The details of alternatives examined and possibility of avoiding forest land. Reply: This project is being implemented to provide 6000 KVA power supply at 110KV voltage level to Collem Railway Traction sub-station of South Western Railway in North Goa Division.

The nearest source for feeding 110KV power supply to Collem Railway Traction sub-station of South Western Railway in North Goa Division is 220/110/33KV Ponda Sub-Station.

The Electricity Department, Div.-III, Ponda is having existing 110KV Supa -I & II Transmission line from Supa Generating Station, Karnataka to 220/110/33KV Ponda Sub-Station passing via Mollem village to Curti Ponda.

Therefore, it is decided to use the above existing 110KV Supa Ponda-I & II Transmission line from Ponda Substation to tower location No. 187 Mollem to avoid acquisition additional line corridor in forest land, hence it was proposed to renovate the existing 110KV Supa-I & II transmission line from 220/110/33KV Ponda Sub-Station to Mollem Village and erect a new 110KV Double Circuit Transmission line of length 7.5Kms with Narrow base Monopole Towers from Mollem village (tower location No 187 Mollem) to 110KV Traction Sub-Station at Collem Railway Sub-Station for releasing 6000KVA power supply to Collem Railway Traction sub-station.

The nearest route for laying 110KV D/C line from Mollem to Collem was available from reserve forest(Wildlife). However, after in depth deliberation with Dy. Conservator of Forest, Wildlife and Ecotourism(North), Panaji-Goa has requested to propose an alternate route, avoiding National Park boundary, vide letter No.1-774/WL&ET(N)/2021-2022/35 dtd:07/04/2022 (Copy enclosed).

Accordingly, this office has explored the best alternate route by avoiding National Park boundary, forest land, densely forest/populated area and route is proposed along the road.


It is to be noted that out of total area (60,000 Sq. mtr) of proposed ROW for new 110KV line from Mollem to Collem, 8540 sq. mtr. of forest land

	<p>is proposed for diversion with felling of 21Nos. of trees.</p> <p>As there is no possible alternate route, it is obligatory to propose 110KV line through forest land at 4 locations from Sy. No.34/1(P) PRF, Sy. No.63/2, 3, 4 (P) PRF, S. No. 64/1 (P) unclassified forest & PRF (Mollem) & S. No. 36 private forest Collem.</p>
2.	<p>Clarification 2: The Technical justification for proposed ROW of 6-8-meter vis a vis FC guidelines:</p> <p>Reply: The maximum width of right of way approved for the 110KV Supa -I & II Transmission line from Supa Generating Station, Karnataka to 220/110/33KV Ponda Sub-Station passing via Mollem village to Curti Ponda is 22 mtr.</p> <p>In order to avoid acquisition of ROW of 22 mtr., this office has proposed narrow base monopole tower instead of broad base lattice structure tower for proposed new 110KV double circuit line from Mollem to Collem Traction substation.</p> <p>The dimensions of Narrow base monopole tower are as follows:</p> <ul style="list-style-type: none"> • Diameter of monopole is 1.5 mtr. • Size of Pedestal is 2.0 x 2.0 mtr. • Foundation below the ground is 8.0 x 8.0 mtr. • Horizontal spacing from conductor to conductor of 110 KV double circuit is 5.6 Mtr. • Additional clearance of 1.2 mtr., from either side of conductor. • A 6.0Mtr. ROW is considered wherever road exist besides the proposed 110KV Double Circuit line. <p>In view of above, the proposed ROW of 6.0 to 8.0Mtr. is sufficient for erection of a new 110KV Double Circuit Transmission line.</p>
3.	<p>Clarification 3: The Part-II of the proposal tree enumeration includes trees standing in non-forest land also. Therefore, the details of number of trees that</p>

	may be actually required to be felled in the forest land may be furnished and accordingly, necessary modification in Part-II may be effected					
	Reply: The number of trees need to be felled in forest land is 21Nos., which is already detailed in the Annexure-III. However, the same is indicated here below:					
Sr. No.	Division	District	Survey	Forest Area proposed for diversion(Ha.)	Legal Status of Forest Area	Remark
01	I	North Goa	34/1(P)	0.104	PRF	Tree Felling: 04Nos.
	I	North Goa	63/2, 3, 4 (P)	0.147	PRF	Tree Felling: 04Nos.
	I	North Goa	64/1 (P)	0.381	Unclassed forest & PRF	Tree Felling: 03Nos.
	I	North Goa	36	0.222	Private Forest	Tree Felling: 10Nos.
Total:				0.854		21Nos.

It is requested to take up the matter with concerned authority for conveying the approval at the earliest.

Yours faithfully,


Executive Engineer,
Elect. Div-III(Ss), Ponda

Copy to:-

1. The Assistant Engineer, Construction Section, Elect. Div-III, Ponda.
2. The Assistant Engineer, Civil, SD I, Div XV, Curti- Ponda

**Government of Goa
Office of the Executive Engineer
Div. III, Electricity Department
Curti, Ponda-Goa 403 401**

Ph. No. 0832-2312194/2317810

E-mail: eediv3@yahoo.co.in

No. Tender-01(21-22)/EE-III(EHV) /22-23/113

Date: 13/04/2022

To,
The Deputy conservator of Forest;
Wildlife and Ecotourism (North)
4th floor, Junta House, Panaji-Goa.

SUB: Alert from system administrator of online submission and monitoring of Wildlife Clearance Proposal (OSMWCP) portal.....regarding.

Name of work: - Renovation of existing 110 KV Supa I & II EHV Lines and commissioning of new of 110KV D/C Towers line from Mollem to Collem for releasing 6000KVA Power supply to the Divisional Manager Southwest Railway (Hubli).

Ref: - No.1-774/WL&ET(N)/2021-2022/35 dtd.06/04/2022.

Sir,


With reference to the above & joint inspection held on 04/04/2022, this is to inform you that department has relocated the tower spot No.AP3 in revenue land bearing Survey No.62 of Mollem Village, Dharbandora taluka from wildlife, that is three meter away from earlier spot marking as suggested during the joint inspection.

As far as Tower location AP21 (Collem), the matter will be referred to Southwest Railway authority for their concurrence and realignment of same after conducting detailed survey.

This is for your kind information.

Yours Faithfully;


Executive Engineer
Div. III, Ponda.


Despatch Clerk
O/o The Dy. Conservator of Forests
Wildlife & Eco-Tourism (North)
Panaji - Goa

Copy for information:

1. The Assistant Engineer, Const. Div III Ponda.
2. The Assistant Engineer, Civil S/D-I, Div XV Ponda.
3. The Divisional Manager Southwest Railway (Hubli), Collem Railway Station.
4. M/s. Renuka Infra INC, Nagpur.



GOVERNMENT OF GOA
OFFICE OF THE DEPUTY CONSERVATOR OF FORESTS
WILDLIFE & ECOTOURISM (NORTH) DIVISION
1ST LIFT, 4TH FLOOR, JUNTA HOUSE,
PANAJI - 403 001 (GOA)

Phone: 0832-2229701/ Fax: 0832- 2422864 E mail: dcfwlnorth-forest.goa@nic.in

No. 1-774/WL&ET (N)/2021-2022/35

Dated: - 06/04/2022
Chaitra 16, 1943

To
Executive Engineer,
Electricity Department,
Div. III, Curti,
Ponda-Goa.

**Sub: Alert from system administrator of online submission and monitoring of
Wildlife Clearance Proposal (OSMWCP) portal -reg...**

Sir,

With reference to the proposal for new 110 KV D/C line from Mollem to Collem for providing supply to southern Western railway for electrification of Indian Railway, this is to inform you that during the site inspection of the undersigned on 04/04/2022, it was showed that the proposed alignment of 110 KV line is crossing the Bhagwan Mahavir National Park at two places near Tower AP₂ and Tower AP₂₁.

It was further noticed that the requirement of forest land in the National park can be avoided as it is not a site specific activity and if the alignment can be slightly shifted to adjacent revenue land/private land as an alternate arrangement.

In this regard, you are requested to consult with Railway Authorities and to consider for shifting the proposed alignment out the National Park boundary.

Submitted for kind information and necessary action, please.

Yours faithfully,

Asabasty

(Jabestin A., IFS)

Dy. Conservator of Forests
Wildlife & Eco-Tourism(N)
Panaji - Goa

- Copy to: 1. The Chief Conservator of Forests, Admin. & Wildlife, Forest Department, Van Bhawan, Altinho-Panaji for information please
2. Dy. Conservator of Forests, Monitoring & Evaluation, Forest Department, Van Bhawan, Altinho-Panaji for information please.

"Swachh Bharat, Swachh Goa" "Clean India, Clean Goa"