



**OFFICE OF THE DIVISIONAL FOREST OFFICER, SUNDARGARH FOREST DIVISION.**

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Memo No. 1722/4F (Misc) / Dated: - 17/03/2017.

To

The Regional Chief Conservator of Forest  
Rourkela Circle, Rourkela.

Sub: Proposal for diversion of 24.424 ha of forest land for construction of LILO of both Circuit of Rourkela - Raigarh 400 KV D/C Transmission Line (2<sup>nd</sup> Line) at Jharsuguda ( Sundargarh) Sub- Station by Power Grid Corporation of India Limited.

(State Serial No. 099/2016, Dt: 28.11.2016)

Ref: Forest Proposal No. FP/OR/TRANS/22467/2016 Dt: 28.11.2016

With reference to the proposal cited above, I submit herewith the proposal for diversion of 24.424 ha of forest land for construction of LILO of both Circuit of Rourkela - Raigarh 400 KV D/C Transmission Line (2<sup>nd</sup> Line) at Jharsuguda ( Sundargarh) Sub- Station by Power Grid Corporation Of India Limited in five copies for obtaining approval of Central Government of India under Section-2 of Forest Conservation Act, 1980.

1. **Brief Description:**

Power Grid Corporation of India Limited (A Govt. of India Enterprise) is primarily entrusted for construction and successful operation of extra high voltage (EHT) transmission lines with mission to form a national grid to facilitate effective transfer of power within and across the regions of the country. For strengthening Transmission system associated with Common Transmission System for Phase - II Generation Projects in Odisha, this power projects shall be implemented by the POWERGRID.

Ministry of Power, Govt of India ( GoI) has given prior approval of the Government under Section 68 of the Electricity Act 2003 to POWERGRID for the construction of LILO of both Circuit of Rourkela - Raigarh 400 KV D/C Transmission Line (2<sup>nd</sup> Line) at Jharsuguda ( Sundargarh) Sub- Station, as a part of above mentioned transmission scheme.

The total length of the above subject mentioned transmission line is 42.842 Km and the line is passing through Ujjalpur & Sundargarh Sadar Forest Range. The total land involved in the project is 197.074 ha that includes 24.424 ha of forest land. The route starts from the proposed 765/400 KV Pooling Sub-station at Kenapali in Sundargarh located with the latitude 22°05'(North) and longitude 83° 59' (East) and terminate at Tapping point of exiting 400 KV D/C Rourkela - Raigarh Transmission Line. Total length of the line involved in the forest area is 5.3096Kms.

2. **Map**

The User Agency have enclosed the following maps

SL No.	Particulars	Scale	Plate No.
01	Transmission Line Route alignment shown in Topo Sheet No.64N/16&73B/4,	1:50000	Annexure- (Vol-2, Plate - 1)
02	Cadastral Map showing Revenue Forest area of Villages Kenapali Sh-1, Bandhapali Sh-1, 2 & 4, Balijori Sh - 4, LemlemaSh - 1, 2, & 3, SublayaSh - 4, PodajanglaSh - 3, 4 & 6, BaladmalSh - 1, DhaunlakhamanSh - 2, Duduki, Sh - 1 & 2 and KumutimundaSh - 3.	1 Mile = 16"	Annexure-IX (Vol-2, Plate - 2to 6)
03	DGPS Survey map by ORSAC of all Villages Kenapali Sh-1, Bandhapali Sh-1, 2 & 4, Balijori Sh - 4, LemlemaSh - 1, 2, & 3, SublayaSh - 4, PodajanglaSh - 3, 4 & 6, BaladmalSh - 1, DhaunlakhamanSh - 2, Duduki, Sh - 1 & 2 and KumutimundaSh - 3. and Sataparlia RF.	1:4000	Annexure-X (Vol-2, Plate 7 & 11)

3. **Forest land**

The total forest land of 24.424 ha shall be used in diversion Proposal. Out of the 24.424 ha of forest land proposed for use in this Project, 1.170 ha is for installation of 13 nos of towers and 23.254 ha shall be used for passing of transmission conductor. The details of Forest land is enclosed as Annexure - VII (Page-51-57) of the Diversion Proposal.

4. **Flora and Fauna**

Degraded forest growth having less than 0.4 density is involved in the diversion proposal. Forest type present is 5B-C2- Northern Dry Mixed Deciduous Forests. Flora/ Tree species which are commonly noticed in the proposed area are - Shorea robusta (Sal), Syzgium Cumin (Jamun), Buchnanian lanzan (Char), Madhuca indica (Mahul), Kurum, Chakunda, Kendu, Sahaj, Amla, Rohini, Simul, Sunari, Senha, Dharua, Neem, etc.

Fauna noticed in the proposed area are -

- 1) Mammals - Wild boar, Barking Deer, Bear, Jackal, Fox, Hare, Mongoose etc
- 2) Reptiles - Indian cobra, Common kraits, Rat etc are available in general.
- 3) Birds - Common Doves, mynas, common crows, Indian cuckoo, parrots etc

The proposed area does not form a part of national park, wild life sanctuary, biosphere reserve, tiger reserve etc.

5. **Trees enumeration:**

Plot wise enumeration has been carried out in both Forest and non-forest area applied for diversion. The details enumeration list for Forest area and non forest Govt. Land area has been enclosed separately with the proposal as Vol - III ( Page - 01 to 157). Total trees to be affected by the projects - 4400 Nos in forest area and 523 in Non-forest Govt. Land.

6. **Compensatory Afforestation**

Power Grid corporation of India Ltd being a central public sector under taking, Compensatory Afforestation scheme may be taken up over twice the extent of forest land diversion in the degraded forest area as per provision made date para 3.2 (ix(a) of the hand book of forest conservation act, 1980 guidelines as such degraded forest land twice in a extent i.e. 48.848 ha (24.424 ha x2) has been identified in Palsani Dongar RF in Bargarh Forest Division for under taking compensatory Afforestation. The scheme for compensatory Afforestation for Rs. 82,59,072/- is enclosed in DP at Vol - IV. The U.A has submitted the under taking to pay the approved cost for raising compensatory Afforestation.

7. **Resettlement and Rehabilitation**

Not Applicable.

8. **Cost Benefit analysis**

Cost benefit Analysis is enclosed at Annexure-IV.

9. **Environmental Clearance.**

The environmental clearance is not applicable for this project, as per Ministry of environment and forest GOI, Notification dt. 14.9.2006.

10. **Wildlife Management Plan**

Not required as the project is not falling within any eco-sensitive zone, national park or sanctuary in Sundargarh Forest Division.

11. **Deposit of NPV**

The User Agency has given an undertaking to pay the NPV of the forest land proposed for diversion is enclosed at Annexure-VI(C).

12. **Violation**

No violation noticed.


13. **Others**

- i) Site inspection report of Sundargarh Forest Division is enclosed with the proposal.
- ii) Part-II is enclosed with the proposal.
- iii) Basic Information Report.

14. **Recommendation**


In view of the above 24.424 ha. of forest land is recommended for diversion in favour of Power Grid Corporation of India Ltd. towards construction of both Circuit of Rourkela - Raigarh 400 KV D/C Transmission Line (2<sup>nd</sup> Line) at Jharsuguda ( Sundargarh) Sub- Station.

**Encl:** 5 sets of proposal

  
17/3/17  
Divisional Forest Officer  
Sundargarh Forest Division


Memo No. 1723 /Dated 17-03-2017

Copy forwarded to the Addl. Pr.Chief Conservator of Forests, Forest Diversion & Nodal Officer, FC Act, O/O the PCCF, Odisha for favour of kind information and necessary action.

  
17/3/17  
Divisional Forest Officer  
Sundargarh Forest Division.

Memo No. 1724 /Dated 17-03-17

Copy forwarded to the Chief Manager, TLC, Power Grid Corporation Of India Limited, Sundargarh for information and necessary action with reference to his proposal no. FP/OR/TRANS/22467/2016 Dt: 28.11.2016 vide state serial No. 099/2016, Dt: 28.11.2016.

  
17/3/17  
Divisional Forest Officer,  
Sundargarh Forest Division.