



ବନଖଣ୍ଡ ଅଧିକାରୀ ଥିବା ବନ୍ୟପ୍ରାଣୀ ତତ୍ତ୍ଵାଧ୍ୟାୟକଙ୍କ କାର୍ଯ୍ୟାଳୟ, ରାଉରକେଲା
OFFICE OF THE DIVISIONAL FOREST OFFICER CUM WILDLIFE WARDEN
ROURKELA FOREST DIVISION, ROURKELA, SUNDARGARH, ODISHA
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Memo No. 4484 /4F, dt. 10.08.2020

To

The Regional Chief Conservator of Forests,
Rourkela Circle Rourkela.

Sub:- Proposal for diversion of 3.305 ha falls within the area of 69.804 ha of 220KV S/c (2 Conductor) line Bonai to RTSS, Bimlagarh in Sundargarh District.

Ref: Proposal State Sl.No. FP/OR/TRANS/33755/2018 dt.29.05.218.

The proposal for diversion of 3.305 ha of forest land for construction of 220KV S/c (2 Conductor) line Bonai to RTSS, Bimlagarh project in Sundargarh District, Jharsuguda, has been received online from the Principal Chief Conservator of Forest, Forest Diversion and Nodal Officer, FC Act , O/o the Principal Chief Conservator of Forests & HoFF, Odisha, Bhubaneswar, vide state Sl.No.-OR-030/2018 dt.29.05.2019. The said proposal in 5 sets is sent herewith after due scrutiny for approval under section-2(ii) of Forest Conservation Act,1980(Amended) over 3.305 ha of forest land.

Brief Description:-

Odisha Power Transmission Corporation Limited(OPTCL) (A Government of Odisha undertaking) is primarily installed for construction and to facilitate effective transfer of power within & across the districts of the state. The mission is to form a state grid as well as to support the national grids. This proposal is a 220 KV Single Circuit (2 conductor) Transmission line , which from 220/33 KV Grid Sub-station (GSS) at Bonai located with the latitude 21° 52' 34.89" (North) & longitude 84°54' 26.82" (East) and will be connected to Railway Traction Sub-Station (RTSS) of Govt. of India at Bimlagarh located with the latitude 21° 57' 59.72" (North) & longitude 85° 0' 45.55" (East) in Sundargarh District, Odisha over a distance of about 19.929 km.

Map:-

The DGPS surveyed forest area given in cadastral revenue sheet (Six numbers) of 5 (Five) village in 1:4000 RF Scale of Banki Forest Range , (Hqr at Rajamunda) under Rourkela Forest Division (PLATE No.4 to 9) vetted by ORSAC are enclosed in the DP .

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the proposed Transmission Line is marked on different cadastral revenue village sheets (Twenty one number) in 1:4000 scale of 17 (Seventeen) villages of Banki Range, (Hqr at Rajamunda) under Rourkela Forest Division. (PLATE No.10 to 30).

1. Forest Land:-

A total area of 69.804 ha land is required for the project in this division which consists of 3.305 ha Forest land and 66.499 (66.5) ha of non-forest land & private land. The authenticated land schedule of the project is enclosed in the Diversion Proposal. The purpose wise land and non-forest required for the project in this division is furnished below.

Sl. No.	Pattern of utilisation.	Non-forest Govt. Land (ha)	Pvt. land (ha)	Revenue Forest (ha)	Total(ha)
1	2	3	4	5	6
1	Foundation casting	0.219	0.33	0.066	0.615
2	Passing of Transmission line Conductor	22.259	43.691	3.239	69.189
	Total:	22.478	44.021	3.305	69.804

2. Justification:-

During the walk-over survey of the line, three alternative Line were identified. After avoiding forest, dense vegetation, human habitation, forest plantation and thick village forest, Line No.2 is found suitable with involvement of barest minimum forest land covering an area of 3.305 ha.

3. Flora and Fauna:-

The Forest comprise predominantly trees like Sal (*Sorea robusta*), Teak (*Tectona grandis*), Sisso (*Dalbergia sisso*), Jamu (*Syzygium cumini*), Kasi (*Bridelia retusa*), Asan (*Terminalia tomentosa*), Acacia (*Acacia auriculiformis*) etc. The area does not form a part of any National Park/ Sanctuary/ Biosphere Reserve. It also not come under any wildlife corridor, but Wild boar, Hyena, Percupine, Bear, Jackal etc are noticed around the applied area. Also, the movement of elephants are noticed in the applied area as well as the nearby areas. Except that some Snakes and Birds area also seen in the applied area.

4. Tree Enumeration:

Total enumeration has been carried out over applied forest area and 725 nos. of trees have been enumerated above 30cm girth. All the enumerated trees may require to be felled during the commencement of works. Tree enumeration list is enclosed in the Diversion Proposal.

5. Compensatory Afforestation:

The Compensatory afforestation area has been identified over 17.00 ha of degraded forest land in Kokia RF of Banki Range under Rourkela Forest Division covering the entire forest land applied for diversion for 3.305 ha of forest land for construction of 220KV S/C (2 Conductor) line Bonai to RTSS, Bimlagarh in Sundargarh project.

6. Environment Clearance:-

Environmental Clearance for this project is not required under EIA Notification,2006.

7. Cost Benefit Analysis:-

The Cost benefit (CB) analysis is prepared as per revised guidelines issued by MoEF & CC, GoI. Vide letter No.7-69/-FC(pt) dt.01.08.2017 and the ratio are 1:188.

8. Certificate under Forest Right Act-2006:-

The user agency has submitted an undertaking regarding submission of certificate under Forest Right Act.2006 as soon as it is received from the District Collector, Sundargarh.

9. Geo-Reference Digital Map(DGPS):-

In Compliance with Govt. of India, Ministry of Environment and Forest Letter No.F.No.11-9/98.FC dt.08.07.2011, the User Agency has submitted the DGPS survey map of the forest land proposed for diversion by ORSAC and duly authenticated by Range Officer, Banki Range , Tahasildar Lahunipada and Koira. The DGPS maps are enclosed in the Diversion Proposal (DP) (Page No.1 to 11).

10.Rehabilitation and Re-Settlement:-

There will be no displacement of any human habitation. So, the Rehabilitation and Re-settlement Plan is not required.

11.Others:-

No violation has been observed in respect of the forest land proposed for diversion under FC Act,1980. The User Agency has furnished an undertaking to pay the NPV and the cost of Compensatory Afforestation which is enclosed in the Diversion Proposal(page No.107 & 108 of DP).

12. Recommendation:

In view of the above ,3.305 ha of forest land proposed for diversion for construction of 220KV S/C (2 Conductor) line from Bonai to RTSS, Bimlagarh project in Sundargarh District submitted by Deputy General Manager(Elect.) EHT Construction Division, OPTCL, Jharsuguda is sent herewith for your kind consideration and onward submission to Principal Chief Conservator of Forests , Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests & HoFF Odisha, Bhubaneswar for approval under section 2(iii) of the Forest (Conservation) Act.1980.

Encl:-Diversion Proposal in 5 sets.


Divisional Forest Officer
Rourkela Division.

Memo No 4485 /4F dt. 10.08.2020 

Copy submitted to the Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests & HoFF , Odisha Bhubaneswar for information and necessary action.


Divisional Forest Officer,
Rourkela Division.

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Rourkela Division.

