

OFFICE OF THE DIVISIONAL FOREST OFFICER,  
JHARSUGUDA FOREST DIVISION, JHARSUGUDA.

Memo No. 3302 /Dated 23 -12-2015

To

The Regional Chief Conservator of Forests,  
Sambalpur.

Sub: Diversion of 25.76 ha of forest land for MUW Pipeline and 132 KV Transmission lines corridor of Darlipali Super Power Project, NTPC Ltd (*Proposal No. FP/OR/IND/12884/2015*) State SI No. OR-045/2015, dt. 04.06.2015).

Ref: (*Proposal No. FP/OR/IND/12884/2015*) State SI No. OR-045/2015, dt. 04.06.2015).  
received through online.

Ref:

With reference to the above on the captioned subject, I am submitting herewith the proposals for diversion of 25.76 ha of forest land (22.960 ha in Jharsuguda district & 2.80 ha in Sundargarh district) for construction of MUW Pipeline and 132 KV Transmission lines corridor of Darlipali Super Power Project, NTPC Ltd in five copies for onward transmission for obtaining approval of Central Government of India under Section-2 of Forest Conservation Act, 1980.

**1. Brief Description:**

Darpali Super Thermal Power Project has been conceived as a coal based Power Plant of 3200 MW ultimate capacity near village Darpali in Sundargarh District. The Project is envisaged to be implemented in two stages i.e. Stage-I(2x800 MW) and Stage-II (2x800). The Make-UP- Water requirement for both the stage is about 95 cusecs (84.84 MCM) which shall be drawn from Hirakud Reservoir. Industrial Promotion and Investment Corporation of Odisha Ltd. ( A Govt. of Odisha Undertaking) has recommended for allocation of 95 cusecs of water for the project. Water Resources Department, Govt. of Odisha has also accorded permission for in principle allocation of 95 cusecs of water in favour of M/S NTPC Ltd., Darpali. The approximate length of Make Up Water Pipeline corridor from Darlipali, STPP to Chharharama i.e. bank of Hirakud Reservoir is 40 Kms. This corridor passes through two revenue villages (Darlipali & Kanaktura) of Sundargarh district and 18 revenue villages (Chichinda, Kechhobahal, Chandlimal, Rajpur, Goudmal, Katapali, Degaon, Brajarajnagar Unit-II, Brajarajnagar Unit-I, Bundia, Ailapali, Balput, Kirarama, Sarandamal, Dalagaon, Negipali, Telenpali and Banharpali) of Jharsuguda district. The Make Up Water Pump House, 132 KV Switchyard and its facility area are proposed to be constructed at the bank of Hirakud Reservoir and shall be connected to Darlipali STPP through an Intake Channel. Two nos dedicated 132 KV Transmission Line has been envisaged from Darlipali Plant site to Make Up Water Pump House along the Pipeline for which necessary approval from Ministry of Power, Govt. of India has been obtained by the UA. The Transmission Lines are proposed along the said Pipeline Corridor for which 22.960 ha of forest land in Jharsuguda district and 2.80 ha of forest land in Sundargarh district is required.



## 2. Map.

The User Agency i.e. Group General Manager, NTPC Ltd., Darlipali have enclosed the following maps.

SL. No.	Particulars	Scale	Plate No.
1	Toposheet No.F 44R/13 and No.F 44R/14 showing location of MUW Pipeline Corridor of Darlipali STPP Pipeline.	1: 50,000	1
2	Village sheet No.2 & 3 of Banharpali village	16" = 1 mile	2 & 3
3	Village sheet No.2 of Telenpali village	16" = 1 mile	4
4	Village sheet No.2 of Negipali village	16" = 1 mile	5
5	Village sheet No.1 of Dalgaon village	16" = 1 mile	6
6	Village sheet No.1 & 3 of Sarandamal village	16" = 1 mile	7 & 8
7	Village sheet No.3 of Kirarama village	16" = 1 mile	9
8	Village sheet No.1 & 2 of Balput village	16" = 1 mile	10 & 11
9	Village sheet No.1 of Aonlapali village	16" = 1 mile	12
10	Village sheet No.2 of Bundia village	16" = 1 mile	13
11	Brajarajnagar Town Unit-I (Village sheet No. 16, 21,20,19,24,23 & 22)	32" = 1 mile	14,15,16,17,18,19 & 20
12	Brajarajnagar Town Unit-II (Village sheet No. 12,11,7,6,3 & 2)	32" = 1 mile	21,22,23,24,25 & 26
13	Village sheet No.2 of Degaon village	16" = 1 mile	27
14	Village sheet No.1 of R.Katapali village	16" = 1 mile	28
15	Village sheet No. 1 & 3 of Rajpur village	16" = 1 mile	29 & 30
16	Village sheet No.1 of Goudmal village	16" = 1 mile	31
17	Village sheet No.2 of Chandnimal village	16" = 1 mile	32
18	Village sheet No.2 & 4 of Kechhobahal village	16" = 1 mile	33 & 34
19	Village sheet No.1 & 2 of Chichinda village	16" = 1 mile	35 & 36
20	Village sheet No.3& 4 of Kanaktura village	16" = 1 mile	37 & 38
21	Village sheet No.7 of Darlipali village	16" = 1 mile	39
22	DGPS Survey Plan by ORSAC	1:4,000	Plate No.40,41,42,43,44,45, 46, 47,48, 49, 50, 51, 52,53, 54, & 55.
23	Map of showing the area of Compensatory Afforestation (Gudigaon village sheet No.4.)	16" = 1 mile	Enclosed with CA scheme (Plate No.56)

## 3. Forest land.

In total, the project involves 22.960 ha of revenue forest land & Sabik kissam forest, the details are as follows:

Name of Division	Name of Village	Kissam	Forest Area in Acs
Jharsuguda Forest Division	Kechhobahal	Rev. Forest	3.903
	Chandlimal	Rev. Forest	7.020
	Rajpur	Rev. Forest	1.869
	Goudmal	Rev. Forest	1.189
	Brajarajnagar Unit-I	Rev. Forest	16.487
	Bundia	Rev. Forest	16.368
	Balput	Rev. Forest	1.591
	Kirarama	Rev. Forest	4.709
	Banharpali	Rev. Forest	3.108
	Kirarama	Sabik Kissam forest	0.490
	<b>Total</b>		<b>56.734 acrs or 22.960 ha</b>

#### 4. Flora and Fauna.

Tree species which are commonly noticed in the proposed area are Sal, Gambhar, Kasi, Dhaura, Jamun, Kendu, Mango, Sahaj, Senha, Arjun, Char, Harida, Eucalyptus, Kaha, Khajur, Kusum, Mahul, Karanja, Neem, Palash, Siris, Tal, Sissoo etc. The fauna noticed in the area like Indian bull frog, frog, water skipper, monitor lizard, common cobra, rabbit, Mongoose etc are seen in the forest land proposed for diversion but their population is very thin. Birds like common doves, mynas, Jungle crow, Indian cuckoo, owl, parrots, etc are seen.

#### 5. Trees enumeration

Plot wise tree enumeration has been carried out in the Forest area applied for diversion. The details enumeration list (657 nos trees) has been annexed separately with the proposal as *Annexure-XIII* (Checklist Sl.No.15). The density of vegetation of Revenue Forest Area in Jharsuguda Forest Division is Below 40% of Eco-Class-III.

#### 6. Compensatory Afforestation:

Since, this is a Central Government Sector Project, as per 3.2(VII) of guide lines of Forest Conservation Act, 1980, the degraded forest land twice in extent has been identified in Gudigaon village in Plot No.2464/2505, 2464/2506, 2464/2504(P) and 2458/2464(P) of Khata No.1 over 51.520 ha. ( $25.76 \times 2 = 51.520$  ha) under Kolabira Tahasil in Jharsuguda district which is under the ownership of Forest Department as per Bhulekh records. The CA scheme has been prepared with an estimated cost of Rs. **64,10,449/-** and provided as *Annexure XV* with the proposal.

#### 7. Resettlement and Rehabilitation.

The proposal does not warrant any displacement of human-being and hence, Rehabilitation & Resettlement Plan is not required.

#### 8. Cost Benefit analysis.

The cost benefit analysis is provided as *Annexure-XVI* (Checklist Sl. No.29) with the proposal.



#### 9. Environmental Clearance.

Environmental clearance is not required for the project. However, the Environmental Clearance of main plant at Darlipali is enclosed as *Annexure-IV*.

#### 10. Wildlife Management Plan.

The RoW of the Transmission Line is not falling within any eco-sensitive zone, national park or sanctuary in Jharsuguda Forest Division.

#### 11. Compliance of Schedule Tribe & Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006.

The User Agency has enclosed the certificate issued by the Collector, Jharsuguda under Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 for the proposed diversion of 22.960 ha forest land, with the proposal (*Annexure-XII*).

#### 12. Deposit of NPV.

The User Agency has given an undertaking to pay the NPV of the forest land proposed to be diverted.

#### 13. Violation.

No violation has been noticed.

#### 14. Others.

- i) Site inspection report of DFO, Jharsuguda Forest Division is enclosed.
- ii) Part-II is enclosed.

#### 15. Recommendation:

Keeping in view of the above discussion, 22.960 ha of Forest land for permission of MUW Pipeline and 132 KV Transmission line corridors is recommended for diversion in favour of M/S NTPC Ltd, Darlipali Super Thermal Power Project.

Encl: 5 sets of proposal.

  
Divisional Forest Officer  
Jharsuguda Forest Division

Memo No. 3304 /Dated 23-02 2015

Copy forwarded to the Addl. Principal Chief Conservator of Forests, Forest Division & Nodal Officer, FC Act, O/O the PCCF, Odisha for favour of kind information and necessary action with reference to (*Proposal No. FP/OR/IND/12884/2015*) *State SI No. OR-045/2015, dt. 04.06.2015*).

  
Divisional Forest Officer  
Jharsuguda Forest Division