

OFFICE OF THE DIVISIONAL FOREST OFFICER, SUNDARGARH DIVISION.

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Memo No. 5455/4F (Misc) / Dated: 04/11/2015.

To

The Regional Chief Conservator of Forest
Rourkela Circle, Rourkela.

Sub:

Proposal for diversion of 2.80 ha of forest land Make Up Water Pipeline & 132 KV Transmission lines Corridor of Darlipali Super Thermal Power Project of M/S NTPC Ltd.

(State SI No: OR-045/2015 Dt: 04.06.2015)

Ref:

Forest Proposal No. **FP/OR/IND/12884/2015 Dt: 25-05-2015**

With reference to the proposal cited above, I submit herewith the proposal for diversion of 2.80 ha of forest land for construction of Make Up Water Pipeline & 132 KV Transmission lines Corridor of Darlipali Super Thermal Power Project of M/S NTPC Limited in five copies for obtaining approval of Central Government of India under Section-2 of Forest Conservation Act, 1980 pertaining to Sundargarh Forest Division.

1. Brief Description:

NTPC Limited, the largest power company in India, was set up in 1975 to augment power requirement in the country. It is among the world's largest and most efficient power generation companies. Present installed capacity of NTPC is 43,019 MW (including 5,974 MW through JVs) comprising of 38 NTPC Stations (17 Coal based stations, 7 combined cycle gas/liquid fuel based stations), 7 Joint Venture stations (6 coal based and one gas based) and 7 renewable energy projects. At present with about 18% of the installed capacity in the country, Group-NTPC generated about 27% of the total power generated in the country FY13. It plans to become a 128,000 MW generating company by 2032. NTPC has gone beyond the thermal power generation and has diversified into hydro power, coal mining, power equipment manufacturing, oil & gas exploration, power trading & distribution. NTPC is now in the entire power value chain and is poised to become an Integrated Power Major. NTPC has added 2490 MW in FY 10-11, 2820 MW in FY 11-12 and 4170 MW in FY 12-13 and 1780 MW in FY 13-14 and has targeted to add 14058 MW during the 12th plan. NTPC has set new benchmarks for the power industry both in the area of power plant construction and operation.

Darlipali Super Thermal Power Project (2x800) of NTPC Ltd is proposed for implementation under Stage-I, and expected to be commissioned during XII plan. The stage-I forest clearance of the main plant area of 13.95 Ha of Forest Land has been issued on 14.08.2013 vide MoEF letter No: 5-ORC158/2013-BHU. For coal requirement of Darlipali Super Thermal Power Project, Dulanga coal block has been allotted to NTPC as captive mine by Ministry of Coal, Government of India vide letter no. 13016/29/2003-CA-I dated 25th January, 2006.

Water Resource Department, Govt. of Odisha has already allocated 95 cusecs quota of water to NTPC for the said project. The water is to be drawn from Hirakud Reservoir near Chhadarama village of Jharsuguda District which is about 40 Km from the Darlipali Super Thermal Power Project. The water will be carried through 2 nos. of underground pipeline of approximately 1000 mm diameter each laid side by side at a spacing of 1000 mm and approximately 1000 mm below natural ground level.

2. **Map**

The User Agency have enclosed the following maps

SL No.	Particulars	Scale	Plate No.
01	Cadastral Map showing Revenue Forest area of Village Darlipali, Sheet No.7	16"=1Mile	Annexure-
02	Cadastral Map showing Revenue Forest area of Village Kanaktura, Sheet No.3	16"=1Mile	Annexure-
03	Cadastral Map showing Revenue Forest area of Village Kanaktura, Sheet No.4	16"=1Mile	Annexure-
03	DGPS Survey map by ORSAC of all Villages Darlipali Sheet No.7 & Kanaktura sheet No.3 & 4	1:4000	Annexure-

3. **Forest land**

Total 2.80Ha Forest land is required for construction of Make Up Water Pipeline & 132 KV Transmission lines Corridor of Darlipali Super Thermal Power Project of M/S NTPC Ltd.

Revenue Forest: - 1.79 Ha.

Sabik Jungle :- 1.01 Ha.

Total :- 2.80 Ha..

The details of Forest land is enclosed as check list serial No.07 of the Diversion Proposal.

5B-C2-DS1-Northern Tropical Dry Mixed Deciduous Forests- Decidious scrub

4. **Flora and Fauna**

No major wildlife species are available. Only mammals like rabbit and snakes are available in general. Total 04 nos. of Mahul (Madhuca Indica) trees in forest land.

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 the Forest area applied for diversion. The details enumeration list has been enclosed separately with the proposal as Check list Serial No.15 .

6. **Compensatory Afforestation**

Compensatory afforestation scheme is to be submitted by DFO, Jharsuguda Forest Division .Compensatory afforestation land has been identified in Jharsuguda District .

7. **Resettlement and Rehabilitation**

Not Applicable.

8. **Cost Benefit analysis**

Cost benefit Analysis is enclosed at check list serial No.29.

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.

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 **check list serial No.13**

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.

14. **Recommendation**


In view of the above 2.80 ha. of forest land is recommended for diversion in favour of NTPC Ltd. towards construction Make Up Water Pipeline & 132 KV Transmission lines Corridor of Darlipali Super Thermal Power Project of M/S NTPC Ltd.

Encl: 5 sets of proposal


Divisional Forest Officer
Sundargarh Forest Division 3/11/15


Memo No. 5456 /Dated 04-11-2015

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.


Divisional Forest Officer
Sundargarh Forest Division 3/11/15

Memo No. 5457 /Dated 04-11-2015

Copy forwarded to the Group General Manager, Darlipali Super Thermal Power Project of M/S NTPC Ltd for information and necessary action with reference to his proposal no. FP/OR/IND/12884/2015 Dt: 25-05-2015 vide state serial no. (State SI No: OR-045/2015 Dt: 04.06.2015)


Divisional Forest Officer
Sundargarh Forest Division 3/11/15