

OFFICE OF THE DIVISIONAL FOREST OFFICER, SUNDARGARH DIVISION.

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Memo No. **687**/4F (Misc) /

Dated: **17**/02/2016.

To

The Regional Chief Conservator of Forest
Rourkela Circle, Rourkela.

Sub: Proposal for diversion of 29.41 ha of forest land in Sundargarh forest division for construction of Basundhara Coal Washery 10 MTY by Mahanadi Coalfields Limited.

(State Serial No. OR/07/2016 Dt. 08.02.2016)

Ref: Forest Proposal No. FP/OR/IND/16495/2015 Dt: 17.11.2015

With reference to the proposal cited above, I submit herewith the proposal for diversion of 29.41 ha of forest land for construction of Basundhara Coal Washery (10 MTY) by Mahanadi Coalfields 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:

The proposal is towards seeking clearance from Ministry of Environment and Forest and Climate Change Govt. of India for diversion of 72.68 Ac. or 29.41 Ha of forest land for Basundhara Washery (Non-coking coal) Kulda, of Basundhara Area of MAHANADI COALFIELDS LIMITED. The proposed coal washery is to cater the needs of washed coal to different consumers of the state and elsewhere of the country in the context of the increasing demand of washed coal for the nation. For this washery and clean coal corridor, the total land of 43.90 Ha area is required out of which 29.41 Ha is forest land and the balance 14.49 Ha is non-forest Govt land and tenancy land.

2. Map

The User Agency has enclosed the following maps

SL No.	Particulars	Scale	Page No.
01	Topo Sheet No. 64N/16.	1:50000	(Page-8)
02	Cadastral Map showing Revenue Forest area of Villages Bankibahal, Balinga & Kushara.	1 Mile = 16"	(Page-45)
03	DGPS Survey map by ORSAC	1:4000	(Page-9)

3. **Forest land**

The total forest land of 29.41 ha shall be used for construction of Basundhara Coal washery. Out of the 29.41 ha of forest land proposed for diversion 28.04 ha is Revenue Forest & 1.37 Ha is Reserve Forest land. The details of Forest land is enclosed as Annexure – VII (Page- 39) of the Diversion Proposal.

4. **Flora and Fauna**

Degraded forest growth having 0.2 density is found in 28.04 Ha of Revenue Forest as well as Reserve Forest, involved in the diversion proposal. Forest type present is 5B-C2- Northern Tropical Dry Mixed Deciduous Forests- Deciduous scrub. Flora/ Tree species which are commonly noticed in the proposed area are - *Pterocarpus marsupium* (Bija), *Shorea robusta* (Sal), *Anogeissus latifolia* (Dhaura), *Diospyros melanoxylon* (Kendu), *Mangifera indica* (Mango), *Terminalia tomentosa* (Asan), *Lagerstroemia parviflora* (Sidha), *Emblica officinalis* (Amla), *Terminalia arjuna* (Arjun), *Buchnanian lanzan* (Char), *Terminalia chebula* (Harida), *Cleistanthus collinus* (Karada), *Diospyros melanoxylon* (Kendu), *Madhuca Indica* (Mahul), *Butea monosperma* (Palash), *Holarrhena antidysenterica* (Kurei), *Chloroxylon swietenia* (Bheru) etc.

Fauna noticed in the proposed area are –

- 1) Mammals - Wild boar (*Sus scrofa*), Barking deer (*Muntiacus muntjak*), Jackal (*Canis sureus*), Fox (*Vulpes bengalensis*), Hare (*Lepus nigricollis ruficaudatus*), and Mongoose (*Herpestes edwardsii*) etc
- 2) Reptiles- Indian cobra (*Naja naja*), Common krait (*Bungarus careruleus*), Rat snakes (*Ptyas mucosus*), common garden lizards (*Calotes versicolor*) etc are available in general.
- 3) Birds- common spotted doves (*Streptopelia chinensis*), Common mynas (*Acridotheres tristis*), Jungle crow (*Corvus macrocyaneus*), Indian cuckoo (*Eudynamis scolopacea*), Parakeet (*Psittacula euphonia*), 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 of trees has been carried out in the Forest area applied for diversion as well as non forest area. The details of enumeration list of forest area has been enclosed separately with the proposal as (Annexure- 5) Total forest & non forest trees to be affected by the project – **958 Nos.**

6. **Compensatory Afforestation**

Mahanadi Coalfields Limited being a central public sector under taking, Compensatory Afforestation scheme has been prepared to be taken up over twice the extent of forest land diverted in the degraded forest area as per provision made vide para 3.2 (ix(a) of the hand book of Forest Conservation Act, 1980 guidelines. As such degraded forest land twice the diverted forest land i.e **58.82 ha (29.41 ha x 2)** has been identified in Regedakhhol RF in Gopalpur Range of Sundargarh Forest Division for under taking Compensatory Afforestation in ANR mode. The scheme for Compensatory Afforestation for **Rs. 7261823/-** is enclosed in DP at (Annexure- 4). The U.A has submitted the under taking to pay the approved cost for raising Compensatory Afforestation. Which is enclosed at page-67.

7. **Resettlement and Rehabilitation**

Copy enclosed by User Agency at page-11 to 34 in DP.

8. **Cost Benefit analysis**

Cost benefit Analysis is enclosed at page-36 to 37 in DP

9. **Environmental Clearance.**

The environmental clearance has been applied vide File no. J-11015/435/2013-IA.II (M). Proposal no. IA/OR/CMIN/20520/2013 dt. 12.12.2015 for modification in ToR in 49th EAC meeting on 07.01.16 approved. Minutes of meeting & recommendation has been uploaded on MoEF & CC portal on 22.01.16.

10. **Wildlife Management Plan**

The user agency has provided an undertaking to submit the scheme of site specific wildlife management plan (at page-68) and to deposit the approved amount. The project is not coming 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 which is enclosed at Annexure-66 in DP

12. **Violation**

No violation of Forest Conservation Act, 1980 has been noticed.

13. **Others**

- i) Site inspection report of Sundargarh Forest Division is enclosed with the proposal (Annexure-II)
- ii) Part-II is enclosed with the proposal (Annexure-I)

14. **Recommendation**


In view of the above, 29.41 ha. of forest land is recommended for diversion in favour of Mahanadi Coalfields Limited towards construction of Basundhara Coal Washery, MCL Basundhara Area, Sundargarh.

Encl: 5 sets of proposal


16/2/16
DIVISIONAL FOREST OFFICER
SUNDARGARH FOREST DIVISION
Sundargarh Forest Division


Memo No. 688 /Dated 17-02-2016

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


16/2/16
DIVISIONAL FOREST OFFICER
SUNDARGARH FOREST DIVISION
Sundargarh Forest Division

Memo No. 689 /Dated 17-02-2016

Copy forwarded to the General Manager, MCL Basundhara Area for information and necessary action with reference to his proposal no. FP/OR/IND/16495/2015 vide state serial no. OR/07/2016 dt. 08.02.2016.


16/2/16
DIVISIONAL FOREST OFFICER
SUNDARGARH FOREST DIVISION
Sundargarh Forest Division