

OFFICE OF THE DIVISIONAL FOREST OFFICER, SUNDARGARH DIVISION.  
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Memo. No.: 261/4F (Misc) / Dated: -13/06/2020.

To

The Conservator of Forests, I/C  
Regional Chief Conservator of Forests,  
Rourkela Circle, Rourkela.

Sub: Proposal seeking clearance from Ministry of Environment, Forest & Climate change, Govt. of India for diversion of 342.870Ha forest land for non-forestry purpose towards development of Dip side Manoharpur Coal Mining Project of Odisha Coal & Power Ltd.

Ref: Forest Diversion Proposal No. FP/OR/MIN/37631/2018  
- State Serial No. OR-061/ 2020, dated 03.11.2020

With reference to the proposal cited above, I submit herewith the proposal for diversion of 342.870ha of forest land of Dip Side Manoharpur Coal block (Expansion of Manoharpur Coal Mining Project) of Odisha Coal and Power Limited in five copies for obtaining approval of Central Government of India under the Act for diversion of forest land for the Project.

1. Brief Description:

Odisha Coal and Power Limited (OCPL) is a company incorporated under the Companies Act 2013, India. OCPL is a Government company of State of Odisha and was formed as a Joint Venture Company of Odisha Power Generation Corporation Limited (OPGC) and Odisha Hydro Power Corporation Limited (OHPC), with a shareholding pattern of 51% and 49% respectively.

Manoharpur & Dip side of Manoharpur coal blocks were earlier allocated to Odisha Power Generation Corporation Limited (OPGC) by Ministry of Coal (MoC) 25.07.2007 to meet the coal requirement of its 4 x 660MW expansion power plant located at Banaharpali, Dist- Jharsuguda, State: Odisha. Subsequent to cancellation of coal blocks by Supreme Court of India, these coal blocks have been allotted to Odisha Coal and Power Limited (OCPL) to supply coal exclusively to expansion power plants (4x660 MW) of OPGC.

Manoharpur Coal block was explored and Dip side Manoharpur coal block is regionally explored at the time of allotment. The exploration of Dip side of Manoharpur block has been completed and the Integrated Geological Report (IGR) of Manoharpur & Dip-side Manoharpur coal blocks has been prepared by Central Mine Planning & Design Institute (CMPDI). The net geological reserve of Manoharpur coal block is 252 Million Tonne (MT) and that of Dip -side Manoharpur coal block is 726MT. Forest clearance (Stage-I & II) for 276.655 Ha (including 76.19 Ha area which is to be treated as forest as per dictionary meaning) of Manoharpur Coal Block has been obtained from MoEF&CC vide letter no. F.No.8-63/2011-FC dated 20.08.2014 by the prior allottee (OPGC). Since, this 76.19Ha of land is Govt. non forest land, the same has been acquired through OGLS Act, 1962. However, all the requirement of FC Act & conditions stipulated in

Stage-I & II approval has been complied. The Forest Clearance was transferred to OCPL vide letter no. F.No.8-63/2011-FC dated 30.11.2015.

Further, 86.527Ha of land falling outside the coal block, which includes 57.078Ha of forest land were acquired by OPGC for pit head infrastructures & coal stockyard etc. under the head MGR. The entire non-forest land was transferred in favour of OCPL by IIDCO, Govt. of Odisha and the entire forestland were transferred in favour of OCPL vide MoEF& CC Regional Office, Bhubaneswar letter no.5-ORA155/2012-BHU, dated 17/10/2017.

The total forestland diverted & transferred in favour of OCPL thus comes to 257.543Ha [200.465Ha + 57.078Ha]. Further, OCPL has already applied 15.701Ha of left out forest land for Manoharpur coal block, the proposal of which has been forwarded from State Govt. to MoEF& CC.

Forest Land is required for Coal mining, external overburden dumping, construction of evacuation facilities & allied infrastructure. During the preparation of mine plan, it was found that the overall stripping ratio is increasing due to increase in depth in Dip side Manoharpur block and thus increasing the amount of overburden. Requirement of external dump area has been increased due to increase in volume of waste material including overburden. Further, the increase in peak rated capacity (PRC) of the project has necessitate the augmentation of evacuation facilities, thus making a change in surface Layout Plan.

An Online application for diversion of 342.87Ha for Dip side Manoharpur coal Mine Project (Expansion of Manoharpur Coal Mine Project) was filed to MoEF&CC on 14.12.2018. However, after approval of Mining Plan & Mine Closure Plan (Rev-III) on 26.09.2019, the forest land requirement forecast is 345.356Ha. Further, as per the DGPS survey & RoR verification, the forest land amount is estimated to be 342.870Ha. Dip side Manoharpur coal block is spread over in four villages named Durubaga, Katarbaga, Kathfali, Paramanandapur and two Reserve forests named Kanhupahad & Hundarkhol. Apart from the land already acquired for Manoharpur Coalmine project by the user agency, the total land planned to develop Dip-side Manoharpur Coal block is 780.440Ha (Inside block: 684.620Ha + Outside block: 95.82Ha), which is proposed to be acquired. Therefore, this diversion proposal was submitted by the User agency covering forestland of 342.870Ha (Inside block: 278.730Ha + Outside block: 64.140Ha) for use in non-forestry purpose under the provisions of Sec-2 of the Forest Conservation Act, 1980.

The blocks are connected by road to the state capital Bhubaneswar through State Highway-10 and National Highway-55, with a total distance of around 400km. approx. The nearest railhead is Hemgir on Mumbai-Howrah Broad Gauge of South Eastern Railway at a distance of about 25kms. Jharsuguda railway station on Jharsuguda-Sambalpur-Bhubaneswar rail line of East Coast Railway is situated at a distance of about 45km. approx.. The nearest port at Bay of Bengal is Paradip and situated at a distance of about 600 km. from the block. The Jharsuguda Airport, is the nearest airport from the block (Approx. 45 KM).

## 2. Map

The User Agency have enclosed the following maps

Sl. No.	Particulars	Scale	Plate No.
01	Project area indicated on Sol Toposheet	1:50000	I
02	Index map of project area highlighting forest patches	1:8000	II
03	DGPS survey map of project area vetted by ORSAC	1:3960	III To XVI
04	Compensatory afforestation land highlighted on Sol Toposheet	1:50000	A To F
05	DGPS survey map showing compensatory afforestation land.	1:3960	I To IX

### 3. Forest land

The entire forest land of 342.870ha (Inside block: 278.730Ha + Outside block: 64.140Ha) has been applied for diversion. The proposed land use pattern (Purpose wise area break up) is attached as Annexure- E.

Purpose	Govt. Forest Land (Ha)			Govt Land In(Ha.)	Pvt. Land (Ha)	Total (Ha)
	Reserve Forest	Revenue Forest	Total			
Inside of Dip Side Manoharpur Coal Block						
Quarry Excavation	173.76	92.85	266.61	305.54	95.98	668.13
Nala Diversion	0	7.97	7.97	1.95	0.82	10.74
Safety zone along the Mining Lease Boundary (7.5mtrs)	2.83	1.32	4.15	0.87	0.73	5.75
Sub Total	176.59	102.14	278.73	308.36	97.53	684.62
Outside of Dip Side Manoharpur Coal Block						
Expit Dump	0	51.64	51.64	4.37	3.32	59.33
ROM stock Pile	0	0.93	0.93	0	0	0.93
Railway Siding	0	0.27	0.27	4.84	7.99	13.10
Settling Pond	0	1.43	1.43	0	0	1.43
Mine Colony	0	1.20	1.20	0	5.74	6.94
Road	0	8.67	8.67	3.37	2.05	14.09
Sub Total	0.00	64.14	64.14	12.58	19.10	95.82
Total (Ha)	176.59	166.28	342.87	320.94	116.63	780.44

### 4. Justification.

Mining is site specific as it is to be done over the land having mineral occurrence. The proposed Mining activities & related infrastructure have been planned in such a way so as to minimize the requirement of forest land. The forest land proposed for diversion is the barest minimum requirement for the project.

### 5. Treenumeration:

Sample tree enumeration has been carried out covering the entire applied forest land as per the approved scheme. The Sample Treenumeration list (RF : 8279 Nos and Revenue Forest : 4283 Nos.) has been enclosed separately with the proposal as Annexure- A.

### 6. Compensatory Afforestation

Govt. non-forest land of 342.902Ha has been identified in nine villages under four different Tahasils of Sundargarh district under the jurisdiction of Sundargarh forest division. A compensatory afforestation scheme has been prepared using approved cost norm & present wage rate for a total estimate Rs. 11,56,83,778.00(Rupees Eleven Crore Fifty Six lakh Eighty three thousand Seven Hundred Seventy Eight) Only, which is enclosed in DP at Annexure- F.

The U.A has submitted an undertaking to pay the approved cost for raising Compensatory Afforestation.

### 7. Resettlement and Rehabilitation

The rehabilitation plan and the resettlement plan are attached herewith the forest proposal as Annexure-III.

8. Cost Benefit analysis

Cost benefit Analysis is enclosed herewith in the DP as Annexure- I.

9. Environmental Clearance.

The user agency has submitted the proposal no. IA/OR/CMIN/88081/2018, dated 16<sup>th</sup> November, 2019. Terms of Reference (ToR) has been granted by MoEF&CC vide letter no. J-11015/139/2008-IA-II(M) Pt, dated 29/04/2020 (Attached as Annexure-). The EIA/EMP preparation is under process.

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 as well as the additional NPV of the forest land proposed for diversion is enclosed at Annexure-IV.

12. Violation

No violation noticed.

13. Others

Site inspection report of Sundargarh Forest Division is enclosed with the proposal.  
Part-II is enclosed with the proposal.

14. Recommendation

In view of the above, 342.87ha. of forest land is recommended for diversion in favour of Dip side Manoharpur Coal block (Expansion of Manoharpur Opencast Coal Mining Project) of Odisha Coal & Power Limited.

Encl: 5 sets of proposal

  
Divisional Forest Officer  
Sundargarh Forest Division  
12/01/2021

Memo No. 262 /Dated 11-05-2020

Copy forwarded to the 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.  
12/01/2021



Memo No. 263 /Dated 11-06-2020

Copy forwarded to the Addl. General Manager (Mines), OCPL for information and necessary action with reference to his proposal no. FP/OR/MIN/37631/2018 & State Serial No. OR-061/ 2020, dated 03.11.2020.

  
Divisional Forest Officer  
Sundargarh Forest Division  
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