

कार्यालय प्रधान मुख्य वन संरक्षक (कक्ष भू-प्रबंध), सतपुड़ा भवन, मध्यप्रदेश, भोपाल

क्रमांक/एफ-1/830/2021/10-11/2274
प्रति,

भोपाल, दिनांक 27-6-22

वन महानिरीक्षक (एफ.सी.)

भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय
इंदिरा पर्यावरण भवन, अलीगंज, जोरबाग रोड,
नई दिल्ली-110003

विषय:- वन मंडल पश्चिम छिन्दवाड़ा के परिक्षेत्र परासिया के विभिन्न वन कक्षों के रकबा 61.656 हे. वनभूमि तथा विभिन्न खसरो की रकबा 88.442 हे. राजस्व वनभूमि कुल 150.098 हे. वनभूमि में ब्रम्हपुरी कोल ब्लॉक भूमिगत कोयला उत्खनन तथा अन्य उपरिसतह उपयोग के व्यपवर्तन का -मेसर्स बिरला कार्पोरेशन लिमिटेड का प्रस्ताव आन लाईन प्रस्ताव क्र. **FP/MP/MIN/51637/2020**

संदर्भ:- भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली का पत्र क्र./8-33/2021-FC दिनांक 20/06/2022

---0---

विषयांकित परियोजना के संबंध में आपके द्वारा संदर्भित पत्र क्र./8-33/2021-FC दिनांक 20/06/2022 से 05 बिन्दुओं पर जानकारी चाही गई है। चाही गई जानकारी मेसर्स बिरला कार्पोरेशन लिमिटेड, मुम्बई द्वारा पत्र क्र. 18 दिनांक 23/06/2022 से प्रस्तुत की गई है। अतः प्राप्त जानकारी अनुसार बिन्दुवार जानकारी निम्नानुसार प्रस्तुत है:-

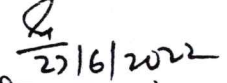
क्र.	चाही गई जानकारी	प्रस्तुत जानकारी
i	The User Agency shall submit an undertaking that in future the proposed forest land shall not be sought for open cast mining purpose.	इस बिन्दु के संबंध में आवेदक संस्था द्वारा वचन पत्र प्रस्तुत किया गया है, जो संलग्न है।
ii	The detail of Muck to be generated during the mining and the plan for its disposal shall be submitted.	आवेदक संस्था द्वारा अवगत कराया गया है कि इस परियोजना में लगभग 17000 घनमीटर Muck निकलेगा। इस Muck को प्रथमतः 2.998 हेक्टेयर रकबे में डम्प किया जायेगा। तत्पश्चात इस Muck को इन्फ्रास्ट्रक्चर विकसित होने वाले क्षेत्र में डाला जायेगा। वनक्षेत्र में किसी प्रकार का Muck नहीं डाला जायेगा।
iii	The mining plan has been prepared in the year 2008 and Subsidence Prediction Report in the year 2013 for M/s Pushp steels & Mining (P) Ltd. therefore the relevance and the validity of the Mining plan and Subsidence Prediction Report after such a long gap and now in favour of present user agency is required to be ascertained by the State Govt.	आवेदक संस्था ने अवगत कराया है कि उन्हें यह ब्लॉक भारत सरकार, कोयला मंत्रालय द्वारा आवंटित किया गया है। आवेदक संस्था ने यह भी अवगत कराया है कि पूर्व में स्वीकृत माईनिंग प्लान के उपरांत खनन की प्रक्रिया तथा अन्य भौगोलिक परिस्थितियों में किसी प्रकार का बदलाव नहीं हुआ है। अतः प्रकरण में नया माईनिंग प्लान बनाने की आवश्यकता नहीं है।

0/c

iv	The extent of forest land involved as per the mining plan shall also be ascertained by the State Govt.	प्रकरण में प्रभावित वनक्षेत्र का निरीक्षण पूर्व में ही मुख्य वन संरक्षक, छिन्दवाड़ा तथा वनमण्डलाधिकारी, पश्चिम छिन्दवाड़ा द्वारा किया गया है। निरीक्षण में प्रभावित वनक्षेत्र का रकबा सही पाया गया है।
v	The variation in the Cost Benefit Ratio as submitted in the online proposal and that in the hard copy of the proposal as pointed out in the Site Inspection report of IRO Bhopal needs clarification and correct Cost Benefit Analysis Ratio shall be submitted.	आवेदक संस्था ने अवगत कराया है कि प्रस्ताव में कास्ट बेनिफिट एनालिसिस प्रस्ताव प्रस्तुत करते समय पुरानी एन.पी.व्ही. की दरों से तैयार किया गया था। दिनांक 06.01.2022 को एन.पी.व्ही. की दरे पुनरीक्षित होने के उपरांत इसे नई दरों से निकाला गया है, जिसके कारण अंतर परिलक्षित हुआ है।

अतः मेसर्स बिरला कार्पोरेशन लिमिटेड, मुम्बई के पत्र दिनांक 23/06/2022 की प्रति संलग्न प्रेषित कर प्रकरण में स्वीकृति प्रदान करने का अनुरोध है।

संलग्न:- उपरोक्तानुसार।



(सुनील अग्रवाल)

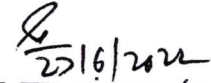
प्रधान मुख्य वन संरक्षक (भू-प्रबंध)
मध्यप्रदेश, भोपाल

भोपाल, दिनांक 27-6-22

पृ. क्रमांक/एफ-1/830/2021/10-11/2275
प्रतिलिपि:-

- 1 उप वन महानिदेशक (केन्द्रीय), भारत सरकार, पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, क्षेत्रीय कार्यालय, पश्चिम क्षेत्र, केन्द्रीय पर्यावरण भवन लिंक रोड नं. 3, ई-5, रविशंकर नगर, मध्यप्रदेश, भोपाल।
- 2 मुख्य वन संरक्षक, छिन्दवाड़ा वृत्त, छिन्दवाड़ा, मध्य प्रदेश।
- 3 मेसर्स मेसर्स बिरला कार्पोरेशन लिमिटेड, इण्डस्ट्रीज हाऊस, द्वितीय तल, 159 चर्चगेट रिक्लेमेशन मुम्बई।

की ओर सूचनार्थ अग्रेषित।



प्रधान मुख्य वन संरक्षक (भू-प्रबंध)
मध्यप्रदेश, भोपाल

o/c

**Birla Corporation Limited**

Industry House, 2nd Floor
159 Churchgate Reclamation
Mumbai 400 020 India
P1 +91 22 4343 5400
P2 +91 22 2204 3615

Ref: BCL/FC/Brahampuri/18/22**Date: 23.06.2022**

To,
The PCCF (Land Management),
Satpuda Bhavan, Bhopal
Madhya Pradesh

Subject: Diversion of 150.098 ha Forest land including 61.656 ha forest land in Forest Compartment No. RF-710, PF-730 A & PF-730 B of Parasiya Range of West Chhindwara Forest Division and 88.442 ha Revenue forest land under various Khasra's for Brahampuri Underground Coal Mining Project in favour of M/s Birla Corporation Limited under Chhindwara District of Madhya Pradesh State (Online No. FP/MP/MIN/51637/2020) – regarding.

**Ref. :1. Your letter no. AF-1/830/2021/10-11/2197 Bhopal, dated 21.06.2022
2. MoEF&CC, letter no 8-33/2021-FC, dated 20.06.2022**

Dear Sir,

With above kind reference, the Brahampuri Coal Mine forest diversion proposal was discussed by Forest Advisory Committee in its meeting held on 13th June, 2022 and various observations raised. The pointwise reply of same observations is attached herewith for your kind information please.

Point wise reply on observations raised by FAC on 13/06/2022		
Agenda no -4, File No: 8-33/2021-FC		Proposal FP/MP/MIN/51637/2020
Brahampuri Coal Mine of M/s Birla Corporation Limited		
SI No.	FAC Observations	Reply
I.	The User Agency shall submit an undertaking that in future the proposed forest land shall not be sought for open cast mining purpose.	The Brahampuri Coal Mine project is an underground mine project. There is no proposal for any mining through opencast method. The undertaking for the same is enclosed as annexure-I.
II.	The detail of Muck to be generated during the mining and the plan for its disposal shall be submitted.	Brahampuri coal mine is an underground mine and the muck of approximately 17000 m ³ will be generated during mine development from shafts sinking. The waste generated shall be brought up to the surface and will be placed initially in the earmarked dump of 2.998 Ha area in non-forest land. The dump area is shown in land use plan. The muck subsequently will be used for levelling in low lying areas and infrastructure development.
III.	The mining plan has been prepared in the year 2008 and Subsidence Prediction Report in	The approved mining plan has been vested to M/s Birla Corporation Limited vide vesting order no. NA-104/2/2019-NA dated 10.02.2020 by the

24/6/22

-: Registered Office :-

Birla Building, 9/1 R.N. Mukherjee Road, Kolkata - 700 001 | CIN : LO1132WB1919PLC003334 | www.birlacorporation.com

P: 033 666166745/6826 | F : 033 2248 2872

**Birla Corporation Limited**Industry House, 2nd Floor
159 Churchgate Reclamation
Mumbai 400 020 India

P1 +91 22 4343 5400

P2 +91 22 2204 3615

Point wise reply on observations raised by FAC on 13/06/2022		
Agenda no -4, File No: 8-33/2021-FC Proposal FP/MP/MIN/51637/2020		
Brahampuri Coal Mine of M/s Birla Corporation Limited		
SI No.	FAC Observations	Reply
	the year 2013 for M/s Pushp Steels & Mining (P) Ltd., therefore the relevance and the validity of the Mining plan and Subsidence Prediction Report after such a long gap and now in favour of present user agency is required to be ascertained by the State Government.	<p>Nominated Authority, Ministry of Coal as per Coal Mines (Special Provision) Act 2015. Hence the Mining Plan is valid for Birla Corporation Limited. Validity of the Mining Plan is for the entire lease period.</p> <p>Also, the geological conditions, mining parameters, mining methodology, mine area etc doesn't have any change from the approved mining plan. Thus the mining plan stands valid today also.</p> <p>The subsidence prediction report was prepared for the same lease area and since there is no change in the geological conditions, mining parameters, mining methodology, mine area etc. the subsidence prediction report also stands valid today also.</p>
IV.	The extent of forest land involved as per the mining plan shall also be ascertained by the State Govt.	To be ascertained by the State Government.
V.	The variation in the Cost Benefit Ratio as submitted in the online proposal and that in the hard copy of the proposal as pointed out in the Site Inspection report of IRO Bhopal needs clarification and correct Cost Benefit Analysis Ratio shall be submitted	The Cost Benefit analysis has been revised as per the new guidelines of MoEF&CC vide no File No. 5-3/2011-FC (Vol -I), dated 6 th Jan 2022 based on revised NPV rates. Thus there is a change in Cost Benefit Ratio as submitted in hard copy of the diversion proposal. The correct & revised Cost Benefit Analysis report is again attached herewith as annexure-II.

Thanking You,

Yours faithfully

For Birla Corporation Ltd.

SANDEEPDigitally signed by
SANDEEP KUMAR JAIN**KUMAR JAIN**Date: 2022.06.23 16:39:44
+05'30'

Sandeep Kumar Jain (AVP – Mining)

Authorized Signatory

Enclosed: Annexure-I: Undertaking,
Annexure-II: Cost Benefit Analysis

Copy to: CCF, Chhindwada, Madhya Pradesh.

-: Registered Office :-

Birla Building, 9/1 R.N. Mukherjee Road, Kolkata - 700 001 | CIN : LO1132WB1919PLC003334 | www.birlacorporation.com

P: 033 666166745/6826 | F: 033 2248 2872



Birla Corporation Limited

Industry House, 2nd Floor
159 Churchgate Reclamation
Mumbai 400 020 India
P1 +91 22 4343 5400
P2 +91 22 2204 3615

Dated: 21st June 2022

Undertaking

We, M/s Birla Corporation Limited undertake that the proposed forest land involved for the development of Brahampuri Coal Mine over an area of 360 Ha located in Pench – Kanhan Valley coalfield under Bichhua Pather, Sirgora, Kukur Munda, Chhinda, Sethia, village and forest block 61 - Thaori, Parasia Tehsil, Chhindwara district of Madhya Pradesh undertake that the forest land involved, shall be used only for Underground mining purposes not for opencast mining.

For Birla Corporation Limited

**SANDEEP
KUMAR
JAIN** Digitally signed by
SANDEEP KUMAR
JAIN
Date: 2022.06.22
11:42:04 +05'30'

Sandeep Kumar JAIN
AVP (Mining) & Authorized Signatory

- Registered Office :-

Birla Building, 9/1 R.N. Mukherjee Road, Kolkata - 700 001 | CIN : LO1132WB1919PLC003334 | www.birlacorporation.com

P: 033 666166745/6826 | F: 033 2248 2872

Cost Benefit Analysis

Cost Benefit Analysis in respect of Diversion of 150.098 Ha (Reserved Forest 32.475 Ha, Protected Forest 29.181 Ha and Revenue Forest 88.442 Ha) for Brahampuri Coal Mine having area of 360 Ha for underground coal mine captive cement & power plants of Birla Corporation Ltd.			
Proposal No. : FP/MP/MIN/51637/2020			
Table – A: Cases under which a cost – benefit analysis for forest diversion are required			
Sl.No.	Nature of proposal	Applicable/Not applicable	Remarks
1	All categories of proposals involving forest land upto 20 hectares in plains and upto 5 hectares in hills	Not applicable	These proposals may be considered on a case to case basis and value judgement
2	Proposal for defence installation purposes and oil prospecting (prospecting only)	Not applicable	In view of National Priority accorded to these sectors, the proposals would be critically assessed to help ascertain that the utmost minimum forest land is diverted for non – forest use.
3	Habitation, establishment of industrial units, tourist lodges complex and other building construction.	Not applicable	These activities being detrimental to protection and conservation of forest, as a matter of policy, such proposals would be rarely entertained.
4	All other proposals involving forest land more than 20 hectares in plains and more than 5 hectares in hills including roads, transmission lines, minor, medium and major irrigation projects, hydro projects, mining activity, railway lines, location specific installations like micro – wave stations, auto repeater centres, TV towers etc	Applicable	The proposed project is for diversion of 150.098 Ha (Reserved Forest 32.475 Ha, Protected Forest 29.181 Ha and Revenue Forest 88.442 Ha) for Brahampuri Coal Mine in the village of Bichhua Pathar, Chhinda, Kukurmunda, Sethia & Sirgoda villages and Forest Block: 61-Thaori of District Chhindawara, Madhya Pradesh.

Table – B Estimation of Cost of Forest Diversion

Sl.No.	Parameters	Remarks	Cost (in Rs.)
1	Ecosystem Service loss due to proposed forest diversion.	Economic Value of loss of ecosystem Services due to proposed diversion of Forest – NPV amount of forest land being diverted as prescribed by Central Government (MoEF&CC).	<p>Economic Value of loss of ecosystem Services due to proposed diversion of Forest shall be Rs 1228590 / Ha (NPV rate as per, File No. 5-3/2011 – FC (Vol - I) of MoEF & CC, GoI dated 06/01/2022. Since the project is Underground hence NPV value is considered at 50%.</p> <ul style="list-style-type: none"> ➤ Total Forest area : 150.098 Ha ➤ Environment loss : 150.098 x Rs 1228590 /- <p>50% of Rs 184408901.82</p> <p>= Rs 92204450.91</p>
2	Loss of animal husbandry productivity including loss of fodder.	To be quantified and expressed in monetary term or 10% of NPV applicable whichever is maximum.	Rs 9220445.091
3	Cost of Human Resettlement.	To be quantified and expressed in monetary terms as per approved R & R Plan.	Not Applicable
4	Loss of public facilities and administrative infrastructure (roads, building, schools, dispensaries, electric lines, railway etc.) on forest land, which would requires forest land if these facilities were	To be quantified and expressed in monetary terms on actual cost basis at the time of diversion.	There is no public facilities and administrative infrastructure on the forest land to be diverted. Hence, there is no loss of public facilities.

	diverted due to project.		
5	Possession Value of the forest land diverted.	30% of environment cost (NPV) due to loss of forest or circle rate of adjoining area in the district should be added as a cost component as possession value of forest land whichever is maximum.	Rs 27661335.273/-
6	Cost of suffering to oustees.	The social cost of rehabilitation of oustees (in addition to the cost likely to be incurred in providing residence, occupation, and social services as per R & R plan) be worked out as 1.5 times of what oustees should have earned in two years had he not been shifted.	There will not be any loss on this account as diversion of the forest land to this project will not affect any evacuation of house or structure or human settlement in forest area.
7	Habitat Fragmentation Cost.	While the relation between fragmentation and forest goods and services is complex, for the sake of simplicity the cost due to fragmentation has been pegged at 50% of NPV applicable as a thumb rule.	Rs 46102225.455/-
8	Compensatory afforestation and soil & moisture conservation cost.	The actual cost of compensatory afforestation and soil & moisture conservation and its maintenance in future at present discounted value.	Not Applicable (Since the project is Underground)

Total cost due to diversion of forest land:
Rs 92204450.91 + Rs 9220445.091 + Rs 27661335.273 + Rs 46102225.455
Rs 175188456.728/-

Table – C Existing guidelines for estimating benefits of forest - diversion			
Sl.No.	Parameters	Remarks	Benefits (in Rs.)
1	Increase in productivity attribute to the specific project.	To be quantified & expressed in monetary terms avoiding double counting.	12343000 T x Rs 2524 (G-6) Rs 31153732000.00/-
2	Benefits to economy due to the specific project.	The incremental economic benefit in monetary terms due to the activities attributed to the specific project.	*Royalty, DMF, NMET, M.P Infrastructure tax, Forest transit cess amounts to Rs 592.56/- T Rs 7313968080.00/-
3	No. of population benefited due to specific project.		<ul style="list-style-type: none"> ➤ Direct – 600 ➤ Indirect – 1200 ➤ Employment generated on non – forest land in afforestation programme ➤ Locality people will have income opportunity in various ancillary work & other activities.

4	Economic benefits due to of direct and indirect employment due to the project.		<p>➤ Direct – 600 Rs 100000 x 600 x 12 (months) =Rs 540000000</p> <p>➤ Indirect – 1200 Rs 10000 x 1200 x 12 (months) = Rs 144000000</p> <p>38 years x 684000000</p> <hr/> <p>Rs 2599200000.00/-</p>
5	Economic benefits due to Compensatory afforestation	Benefits from such compensatory forestation accruing over next 50 years monetized and discounted to the present value should be included as benefits of compensatory afforestation.	<p>Compensatory afforestation of 3.691 Ha of land @ 1000no of sapling = survival rate @ 80%.</p> <p>The sapling 3.691/ Ha = 3691 trees</p> <p>Survival trees @ 80% = 2952.80 trees</p> <p>Economic benefits of one tree accruing over next 50 years monetized in terms of providing oxygen, water, soil, moisture conservation, etc, timber & firewood = Rs 200000.</p> <p>Future benefits of 2952.80 nos of trees @ Rs 200000</p> <hr/> <p>Rs 590560000.00/-</p>



Birla Corporation Limited

Industry House, 2nd Floor
159, Churni gate Reclamation
Mumbai - 400 020, India

P : +91 22 45435400
F : +91 22 2204 3615

Total benefits due to diversion of forest land for non – forest activity:

(Rs 31153732000 + Rs 7313968080 + Rs 25992000000 + Rs 590560000)

Rs 65050260080.00/-

Cost Benefit Analysis

Based on value of products:

A) Total Benefit to the Society = Rs 65050260080.00/-

B) Total Cost to the Society = Rs 175188456.728/-

Cost Benefit Ratio = $\frac{\text{Total Benefit}}{\text{Total Cost}}$

Cost Benefit Ratio = $\frac{65050260080.00}{175188456.728}$

= 371.315

For Birla Corporation Limited

(Sandeep Kumar Jain)

Additional Vice President-Mining

Project Authority