

ବନ ବିଭାଗ, ଓଡ଼ିଶା

ଖଣ୍ଡୀୟ ବନାଧିକାରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ ଝାରସୁଗୁଡା ବନଖଣ୍ଡ ।

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Memo No.

3252

/4F(Misc)Dated.

01.07.2021

To

The Regional Chief Conservator of Forests Sambalpur Circle, Sambalpur

Sub: Proposal for diversion of 417.073 Ha & Re-Diversion (Change of Land use) of 171.774 Ha of forest land in respect of Integrated Lakhanpur- Belpahar- Lilari Opencast Project, 40 MTY of Lakhanpur Area, Mahanadi Coalfields Ltd.

Ref: Proposal No- FP/OR/MIN/39355/2019, State Serial No. OR-044/2020, dt. 17.6.2020

Ref: With reference to the proposal NoFP/OR/MIN/39355/2019, dt. 17.6.2020 received through online. I am submitting herewith the proposal for diversion of 417.073 Ha & Re-Diversion (Change of Land use) of 171.774 Ha of forest land in respect of Integrated Lakhanpur-Belpahar- Lilari Opencast Project, 40 MTY of Lakhanpur Area, Mahanadi Coalfields 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:

Lakhanpur Area is under the administrative control of Mahanadi Coalfields Limited, a coal producing company under, Coal India Ltd a Govt. Company. At present there are three operative opencast projects under Lakhanpur Area i.e. Belpahar Opencast project 9.0 MTY, Lakhanpur Opencast Project 21 MTY and Lilari Opencast Project 0.80 MTY rated capacity. Belpahar Opencast Project was planned in Belpahar Block-I & II to exploit the lower seams (Ib and Rampur), whereas Lakhanpur OCP and Lilari OCP were planned further dip side in Belpahar block-III to exploit upper Lajkura seam. Both the mines were planned for open cast mining. The lower seams (Ib and Rampur) below Lakhanpur OC and Lilari OC were not planned due to thick parting between Lajkura and Rampur seam resulting in adverse economics.

The three operating mines of Lakhanpur Area, MCL are Lakhanpur Opencast Project, Belpahar Opencast Mine and Lilari Opencast Project are within Notified Boundary for IB Block-II, IB Block-IV (Part-I) &IB Block-IV (Part-II) acquired under CBA(A&D) Act, 1957. In the present proposal, all the three mines have been proposed to be integrated into one mine within the same notified boundary of IB Block-II, IB Block-IV (Part-I) &IB Block-IV (Part-II) acquired under CBA(A&D) Act, 1957. Both Ib and Rampur seams below Lakhanpur and Lilari OCP are virgin and were not planned earlier due to presence of thick parting between Lajkura and Rampur seam. In the present proposal, all the three mines have been proposed to be integrated into one mine and planned up to the lower most workable coal seam for better conservation, safety and enhancing the capacity of the mine to meet the growing coal demand of MCL & also to add life to the project. Further, new coal linkages have been given to MCL for which MCL has already issued LOA. The proposed integrated project will meet the coal demand from the coalfield, especially to the new consumers and reduce the gap between demand and availability. As such, additional property to the dip side has been annexed for an estimated capital investment of Rs. 2434.75crores for the proposed Lakhanpur-Belpahar-Lilari Opencast Project, 40 MTY.

The three mines are adjacent to each other and have common lease boundaries. The area involved in the project has been delineated in Topo Sheet No F44R13 & F44R44 on R.F.1:50000 and bounded by latitude 21°42'12" – 21°47'20" N and longitude 83°48'00" – 83°52'41" E in the district of Jharsuguda, Odisha.

Earlier, 4133.333 ha land have been approved for all three projects for mining & allied activities, Safety zone average of "500m Blasting Safety Zone" around the project, infrastructure, colony, and resettlement site. Now according to para 4.7(ii) of the consolidated guidelines to FC Act, 1980 safety zone area is maintained within of 7.5 m. all along the outer boundary of the Mining Lease area. In this project out of the approved project area acquired long back for various miscellaneous purpose but now not required for which, 434.631 ha kept outside and portion of additional land 609.544 Ha have been included. In this Integrated Lakhanpur-Belpahar- Lilari 40Mty. Project, mining lease area comes to 4399.649 Ha (4133.333 -434.631 +609.544) and the total project area is 4742.877 Ha. (4133.333 +609.544). Details of land schedule of total land have been authenticated by Tahasildar Lakhanpur.

Out 4133.333 Ha. approved Mining Lease area, forest land was 878.745 ha, out of which 37.693 ha Forest land lies far away and now falls outside the Mining Lease area which need not be diverted.

Hence, 841.052 Ha (878.745-37.693) forest land involved from earlier approved area and 117.643 ha additional forest land required in this Integrated Lakhanpur- Belpahar- Lilari Opencast Project,40Mty. Therefore, total 958.695 ha (841.052+117.643) of forest land involved in the Mining Lease area of Integrated Lakhanpur- Belpahar- Lilari Opencast Project, 40 Mty. Diversion of Forest land have already been made for 541.622 ha within the Mining Lease area of Integrated Lakhanpur-Belpahar-Lilari OCP, 40 Mty. Therefore, forest diversion is required for 417.073 ha. (958.695-541.622) in this project.

Further, out of 541.622 Ha Diverted forest land, Re-diversion (change of land use pattern) of 171.774 ha is required for mining, 7.5 m. Safety Zone and Temporary Top soil yard from earlier diverted forest land (Safety zone & infrastructure) required in this Integrated Lakhanpur-Belpahar-Lilari Opencast Project, 40 Mty.

Out 4133.333 Ha. approved Mining Lease area, Govt. (Non-Forest) land was 1635.979 ha, out of which now 227.752 ha Govt. (Non-forest) land lies far away and falls outside Mining Lease of Integrated Lakhanpur-Belpahar-Lilari Opencast Project, 40 Mty. Hence, 1408.227 Ha (1635.979 - 227.752) Govt. (Non-forest) land involved from earlier approved area and 315.422 ha additional Govt. (Non-forest) land required in this Integrated Lakhanpur-Belpahar- Lilari Opencast Project, 40 Mty for. Therefore, total 1723.649 ha (1408.227 + 315.422) of Govt. (Non-forest) land involved in the Mining Lease area of Integrated Lakhanpur-Belpahar- Lilari Opencast Project, 40 Mty. Out of above said approved Mining Lease area, Govt. (Non-Forest) Tenancy land was 1618.609 ha, out of which 78.186 ha Non-Forest Tenancy land lies far away and falls outside Mining Lease of Integrated Lakhanpur-Belpahar-Lilari Opencast Project, 40 Mty. Hence, 1540.423 Ha (1618.609 – 78.186) Nonforest Tenancy land involved from earlier approved area and 176.479 ha additional Non-forest Tenancy land required in this Integrated Lakhanpur- Belpahar- Lilari Integrated OCP, 40 Mty. Therefore, total 1716.902 ha (1540.423 + 176.479) of Non-Forest Tenancy land involved in the Mining Lease area of Lakhanpur- Belpahar- Lilari Integrated OCP, 40 Mty. Total Non-Forest land involved in this project is 3440.551 Ha (1723.649 +1716.902).

2. Map:

The User Agency MCL has furnished the following maps

Sl. No	Particulars	Scale	Plate No
1	Survey of India Topo sheet No. F44R13 & F44R44 indicating boundary of forest land proposed to be diverted & Re-diverted (Change of land use)	1:50000	Plate-I & Plate-II
2	Combined & village wise DGPS Map prepared and authenticated by ORSAC of the forest land proposed to be diverted & Re-diverted (Change of land use) and ML boundary.	1:10000 & 32"=1mile	Plate-III
3	Toposheet Map No.F45N1 showing Non-Forest land indentified for Compensatory Afforestation	1:50000	Plate-IV
4	Geo-referred location Map of Non-Forest land identified for Compensatory Afforestation	32"=1mile	Plate-V
5	Land use plan in 1:4000 scale prepared by using GPS or Total Station	1:4000	Plate-VI-a, VI-b & VI-c
6	Map of the outer boundary of mining lease	1:20000	Plate-VII-a & VII-b
7	Map showing the Reclamation Plan	1:20000	Plate-VIII
8	Map showing the Phase wise Reclamation Plan	1:20000	Plate-IX
9	Revenue sheets/ Cadastral map of Villages within ML area showing the forest land applied for Diversion & Re Diversion (change of land use) and ML boundary.	32"=1mile	Plate-X
10	Map Showing the R&R sites	32"=1mile	Plate-XI

3. Forest Diversion

The proposed Integrated Lakhanpur-Belpahar-Lilari Opencast Project, 40 Mty includes the following categories of forest land duly authenticated by Tahasildar Lakhanpur and the details village wise land schedule of forest land as follows;

			Diversion of Forest lar	ıd		
Sl. No	District	Division	Range/ Tahasil/village	Survey compt. No	Forest Area proposed for diversion	Legal status
1			Belpahar/Lakhanpur/Khairkuni	76	2.290	Revenue Forest
2			Belpahar/Lakhanpur/Tingismal	78	172.840	Revenue Forest
3			Belpahar/Lakhanpur/Khaliapali	17	52.100	Revenue Forest
4	da	lda	Belpahar/Lakhanpur/Karlajori	18	86.560	Revenue Forest
5	Jharsuguda	Jharsuguda	Belpahar/Lakhanpur/Soldia	9	57.090	Revenue Forest
6	arsı	ars	Belpahar/Lakhanpur/Lakhanpur	1	127.970	Revenue Forest
7	J.	Jh	Belpahar & Brajrajnagar/ Lakhanpur/Kusuraloi	111	89.000	Revenue Forest
8			Brajrajnagar/ Lakhanpur/Chharla	77	49.590	Revenue Forest
9			Belpahar & Brajrajnagar/ Lakhanpur Jurabaga	67	187.870	Revenue Forest
10			Brajrajnagar/ Lakhanpur/Kirarama	79	12.770	
	-		Revenue Forest in Ac		838.080	
			Revenue Forest in Ha.		339.176	Revenue Fores
11			Brajrajnagar/ Lakhanpur/ Reserve Forest Kusuraloi-B in Ha.		77.897	Reserve Forest
			Total in Ha.		417.073	

			Re-Diversion (Change of land use		Forest Area	Legal status
Sl. No	District	Division	Range/ Tahasil/village	Survey compt.	proposed for diversion	
1			Belpahar/Lakhanpur/Khairkuni	76	0.012	Revenue Forest
2	-		Belpahar/Lakhanpur/Khuntamahul	87	0.695	Revenue Forest
3	•	Jharsuguda Jharsuguda	Belpahar/Lakhanpur/Banjipali	85	1.760	Revenue Forest
4	<u>a</u>		Brajrajnagar/ Lakhanpur/Darlipali	75	13.730	Revenue Forest
5	png		Brajrajnagar/ Lakhanpur/Ubuda	81	26.810	Revenue Forest
6	ırsn		Belpahar/Lakhanpur/Jurabaga	67	319.740	Revenue Forest
7	Jha		Revenue Forest in Ac		362.747	
8			Revenue Forest in Ha.		146.787	Revenue Forest
10			Reserve Forest in Ha.		24.987	Reserve Forest
			Total in Ha.		171.774	

The purpose wise breakup of total forest land for this project is as follows

D	Forest Land in Ha.					
Purpose	Revenue Forest	Reserve Forest	Total			
Mining	657.254	122.400	779.654			
7.5 mtr. SZ	7.786	0.340	8.126			
Top soil storage	4.937		4.937			
Temporary reject	-	-				
Road	12.750		12.750			
Rail	78.295		78.295			
Offices	6.660		6.660			
Area to be developed & maintained as green belt	68.273	0.000	68.273			
Total Mining Lease Area	835.955	122.740	958.695			
Land outside Mining Lease	37.693	0.000	37.693			
Total Project Area	873.648	122.74	996.388			

Purpose wise break up of total land of Integrated Lakhanpur-Belpahar-Lilari Opencast Project, 40 Mty is as follows.

		Forest Land		Non Forest			
Purpose	Revenue Forest	Reserve Forest	Total	Govt. Non-Forest Land	Tenancy Land	Total (Ha.)	
Mining	657.254	122.400	779.654	1336.475	1449.355	3565.484	
7.5 mtr. SZ	7.786	0.340	8.126	9.107	6.862	24.095	
OB Dump				15.230	7.420	22.650	
Top soil storage	4.937		4.937	0.774	40.078	45.789	
Temporary reject				138.797	41.731	180.528	
Road	12.750		12.750	26.949	25.132	64.831	
Rail	78.295		78.295	49.664	21.534	149.493	
Drain / Nallah				19.798	7.600	27.398	
Coal stock				10.785		10.785	
CHP / WB				20.198	18.891	39.089	
W/S building .				76.744	84.265	161.009	
Offices	6.660		6.660	12.359	11.452	30.471	
Area to be developed & maintained as green belt	68.273	0.000	68.273	6.769	2.582	77.624	
Total Mining Lease Area	835.955	122.740	958.695	1723.649	1716.902	4399.246	
Land outside Mining Lease	37.693	0.000	37.693	227.752	78.186	343.631	
Total Project Area	873.648	122.740	996.388	1951.401	1795.088	4742.877	

4. Flora and Fauna:

Tree species which are commonly noticed in the proposed area are Sal, Bija, Asan, Dhaura, Kashi, Kendu, Neem, Sidha, Achhu, Bahada, Bheluan, Bheru, Chakunda, Char, Dhuben, Domkurdu, Gad khair, Harida, Jamun, Kanteikoli, Karla, Karma, Kumbhi, Kurdu, Mahul, Mai, Phalsa, Rohini, Sunari etc.

The wildlife noticed in the area are: -

Birds: Red Jungle fowl, Bronze winged Jacana (Pani Dahuka), Tethei, Gunduri, Harada Khai, Pandaka (Indian Little brown Dove), Parakeet, Cockoo, Kumbhatua, Owl, Hulhuliapechha (barred Jungle Owlet), Kathahana, Bahadakhai (Grey Hornbill), Kajalapati, Indian pyed Myna, Indian Myna, Damara Kau, Tailor bird (BayaChadhei), Indian purple sunbird (Phulchhui), Chatia (Indian yellow throated sparrow), Peacock, Peahen, Indian pond Heron, Indian Shikra

Reptiles: Monitor Lizard, Pahadi Endua, Tree Lizard, Turtle, Pythons, Blind snakes, Bodasaap, Dhaman (Rat snake), Common, Krait, Banded Krait, Cobra, Copper head, Land Mnitor, Russels earthboa.

Amphibians: Common India Toad, Skipping Frog, Leaping frog, Bull frog & Tree Frogs are commonly seen.

Wild animals: Hare, Fruit Bat, Rhesus Macque, Langur, Indian Pangolin, Indian wolf, Fox Indian Otter, Indian Grey Mongoose, Jungle Cat Striped, Asiatic Jackal, Jungle cat, Wild boar, Barking dear, Spotted dear, Hyena, Palm Squirrel, House Shrew, Indian bush rat, Little Indian field mouse. As informed by the nearby villagers Leopard used to visit occasionally.

5. Wild Life Management:

The proposed forest area for diversion is not falling within any eco-sensitive zone, national park or sanctuary in Jharsuguda Forest Division. Two nos. Site Specific Conservation Plan submitted by User Agency have already been approved by PCCF (Wildlife) in case of diversion of 19.70 ha of forest land in respect of Belpahar Opencast Project and Re-Diversion (Change of land use) of 84.399 Ha in respect of Lakhanpur OCP under Lakhanpur Area, MCL.

6. Tree enumeration:

Total 1,27,111nos of different type of trees out of which 1,00,846 nos. for proposed area for diversion & 26,265 nos. for proposed area for Re-Diversion (Change of land use) has been enumerated. The enumeration list is enclosed with the diversion proposal as **Annexure** – **40**.

7. Resettlement and Rehabilitation:

This Project is Integrated Lakhanpur-Belpahar- Lilari OCP, 40 Mty. Total 2554 nos. families are required to be displaced out of which 1363 nos. of family already been resettled during the mining operation of Lakhanpur OCP, Belpahar OCP & Lilari OCP, balance will be resettled during the assessment of village in due operation/advancement of the project. Four nos of Resettlement site i.e. Ganesh Nagar (20.77 Ac.) Jagannath Nagar (39.17 Ac), Khadam (58.52 Ac) in Khadam Revenue village and Kadalimunda (3.75 Ac) in Belpahar Municipal Area are already been developed for resettlement of the displaced families. Further Chaurimahul Resettlement Site for an area of 100.85 Ac has been approved from Govt. of Odisha & Lease deed agreement with Collector, Jharsuguda executed and to be developed for Resettlement of Balance Displaced Families of Lakhanpur-Belpahar-Lilari integrated OCP, 40 Mty. R&R plan approved by Collector Jharsuguda enclosed as Annexure-10.

8. Compensatory Afforestation:

The identified Govt. (Non-Forest) area for Compensatory Afforestation Suitable for CA. Suitability Certificate and CA Scheme authenticated by DFO, Keonjhar attached with the proposal. For this project Lakhanpur-Belpahar-Lilari integrated OCP, 40 Mty 417.073 ha forest land proposed to be diverted. Therefore, equivalent 417.073 ha Revenue Non Forest Land (Hudi Kissam) in yillage Sudanga, Bansapal Tahasil, Keonjhar District, BJP Forest Range, Keonjhar Forest Division has been identified. Hence, a total of 250244 seedlings can be planted @ 600 plants per Ha. over an area of 417.073 ha of proposed CA land. The CA scheme has been prepared with an estimated cost of Rs. 6,68,40,700.00. Authenticated Compensatory Afforestation Scheme enclosed as Annexure-34.

As per clause no 2.8(i) of Handbook of guidelines Forest (Conservation) Act, 1980, Compensatory Afforestation over Non-Forest Land (NFL): Number of plants to be planted over

Non-Forest Land identified for CA, shall be at least 1000 plants per hectare. As per the CA Scheme authenticated by Divisional Forest Officer, Keonjhar 600 plants can be planted over the area of 417.073 ha of the proposed CA land. As mentioned in the above guidelines the balance nos. of 400 plants per hectare will be planted in degraded forest land as per the provisions of working plans. The user agency submitted undertaking to pay the cost of planting (including maintenance of 10 years) for 166830 nos. of plants over degraded forest land as per the provisions of working plans towards balance nos. of plants not planted in Compensatory Afforestation area. **Enclosed in DP as Annexure-38.**

In this regard a request has been made to Collector, Jharsuguda to provide degraded revenue forest land and also to RCCF, Sambalpur Circle to provide degraded RF/PRF in Sambalpur circle if any to User Agency for plantation of balance 166830 nos. of trees in ANR mode of plantation as per the clause of 2.4 (vi) Handbook of Forest (Conservation) Act, 1980 and Forest Conservation Rules, 2003 (Guidelines and Definitions). (Copy enclosed as Annexure-39)

9. Cost Benefit analysis:

The cost benefit analysis is provided in the diversion proposal Annexure-12

10. Environmental Clearance:

The User Agency has already applied Environment Clearance for Integrated Lakhanpur-Belpahar-Lilari Opencast project, 40 Mty for which TOR issued vide No IA-J-11015/15/2019-IA-II(M) enclosed as **Annexure-13**.

11. Phase Reclamation plan:

The details of Reclamation plan& Phase Reclamation plan of Integrated Lakhanpur-Belpahar-Lilari Opencast project, 40 Mty is enclosed in the DP enclosed as Annexure-21.

12. Mining Plan:

Mining Plan for Integrated Lakhanpur-Belpahar-Lilari Opencast Project, 40 Mty approved by MCL, Board which has been enclosed in the DP from **Annexure-16 & 17**.

13. Violation:

No violation noticed.

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

The User Agency has applied to District Collector, Jharsuguda dated 30.10.2019 for obtaining certificate under Schedule Tribe & Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006. Accordingly, DWO, Jharsuguda directed BDO, Lakhanpur and Executive officer Belpahar Municipality on dt. 17.11.2020 to conduct Gram Sabha complying all conditions/precautions of Covid-19 and to supply the resolution both its English and Odia version of Gram Sabha resolution for fulfilling the guidelines/Rules of FRA Act-20006. BDO, Lakhanpur has issued letter on dt.20.11.2020 to concerned Executive officer of 4 Gram Panchayat for conducting Gram Sabha and to submit report. The UA has submitted the documentary evidence for process of Schedule Tribe & Other Traditional Forest Dwellers (Recognition of Forest Right) Act, 2006 along with undertaking for the proposed forest diversion of 417.073 Ha is enclosed in the DP as Annexure-14 & 30.

15. Deposit of NPV:

The User Agency has already paid NPV of Rs. 43,52,02,857.00 in respect of Lakhanpur OCP, Belpahar OCP & Lilari OCP, which are now integrated to one project namely Integrated Lakhanpur-Belpahar-Lilari Opencast Project, 40 Mty.

However, an undertaking has been given by the User Agency to pay Net Present Value & additional Net Present Value, if so determined as per the decision of Hon'ble Supreme Court enclosed as Annexure-23.

	Payment of N	PV in respect of La	khanpur OCP
Name of the Project	Particulars	Amount Paid in Rs.	Details of Payment
Lakhanpur OCP	Payment of NPV over 233.43Ha	14,61,27,180.00	DD. No. 868538, dt. 07.08.2010
	Payment of differential NPV over 84.399Ha out of earlier payment during Re-Diversion (Change of land use pattern)	1,49,38,623.00	Total payment made throug RTGS mode EFT No. S175, of 29.08.2011, SBI Bandhabahal Odisha CAMPA account
	Payment of NPV for 95.40 Ha forest land under 15 Mty, Lakhanpur OCP	5,97,20,400.00	Total payment made through NEFT/RTGS CAMPA account 344902010105428 Account National States of Union Bar of India, Sundarnagar Branch New Delhi, IFSC code UBI 0534498, UTR national SBIN916267520216, by using the Web Portal of Ministry Environment & Forest (CAMPA)
	Payment of differential amount Rs. 50/- (14938623.00- 14938573.00)	50.00	Total payment deposited in CAMPA Ac. No. 344902010105428 UBIN053449 Union Bank of India Sundarnaga Branch, New Delhi Branch vide Transaction no. AA /118736 dt. 3.09.2018
	Total in Rs.	22,07,86,253.00	
Belpahar OCP	Payment of NPV over 174.354 Ha	10,91,45,604.00	DD No. 868538 dt. 07.08.2010
Lilari OCP	Payment of NPV over 12.70 Ha Re-Diversion Change of Land use pattern out of Diverted forest 162.20 Ha.	1,16,84,000.00	Demand Draft No. 092588 dt 18.06.05
	Payment of NPV 149.50 Ha (162.20-12.70)	9,35,87,000.00	Through RTGS vide EFT no S145 dt. 9.8.2011 at SBI, Bandhabahal
	Total in Rs.	10,52,71,000.00	
	Grand Total	43,52,02,857.00	

1. Others:

Site inspection report and Part-II of DFO, Jharsuguda Forest Division is enclosed in the diversion proposal.

2. Recommendation:

In view of the above discussion permission of 417.073 Ha forest land required for diversion and 171.774 Ha required for Re-Diversion (Change of land use) is recommended in lieu of Coal Mining activities of Integrated Lakhanpur-Belpahar-Lilari Opencast Project, 40 Mty, Lakhanpur Area, Mahanadi Coalfields Ltd.

Encl. Four copies of DP

Divisional Forest Officer Jharsuguda Forest Division

Memo No. 3253

Dated. 01. 07. 2021

Copy forwarded to the Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer, FC Act, O/o the Principal Chief Conservator of Forests, Odisha, Bhubaneswar for favor of kind information and necessary action.

Divisional Forest Officer
Tharsuguda Forest Division

Memo No. 3 2 5 9

Dated. 01.07.202

Copy forwarded to the General Manager, Lakhanpur Area, MCL, Bandhbahal for information and necessary action.

Divisional Forest Officer Jharsuguda Forest Division