

F. No. J-11015/288/2011-IA.II(M)
Government of India
Ministry of Environment, Forest & Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan,
Jorbagh Road, N Delhi – 3
E mail: lk.bokolia@nic.in; Tel: 011-20819417

Dated: 25th April, 2023

To,

The Additional Vice-President
Birla Corporation Limited
Birla Building, 9/1 R.N.Mukherjee Road,
Kolkata- 400020 (West Bengal)
Email : sandeep.jain@birlacorp.com

Sub: Marki-Barka Underground Coalmine Project (1.0 MTPA in an ML area of 700 Ha) of M/s Madhya Pradesh State Mining Corporation Ltd., located in Singrauli Coalfields, Tehsil Deosar, District Singrauli (Madhya Pradesh) – Transfer of Environment Clearance from M/s Madhya Pradesh State Mining Corporation Ltd to M/s Birla Corporation Limited - reg.

Sir,

This has reference to your online proposal No. IA/MP/CMIN/296695/2023 dated 22nd February, 2023, submitted to this Ministry for transfer of Environmental Clearance in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006.

2. The Ministry of Environment, Forest and Climate Change (MoEFCC) granted Environment Clearance vide its letter No. J-11015/288/2011-IA.II(M) dated 16th July, 2014 to Marki-Barka Underground Coalmine Project (1.0 MTPA in an ML area of 700 Ha) of M/s Madhya Pradesh State Mining Corporation Ltd., located in Singrauli Coalfields, Tehsil Deosar, District Singrauli (Madhya Pradesh), under the provisions of Environmental Impact Assessment Notification, 2006 and as amended therein.

3. Subsequent to the Supreme Court judgment wherein allocation of 204 coal blocks was cancelled, the Coal Mine (Special Provisions) Ordinance, and Coal Mines (Special Provision) Second Ordinance, 2014 were promulgated and the Coal Mines (Special Provisions) Rules, 2014 were framed for auction and allotment of cancelled coal blocks. Further the Coal Mines (Special Provisions) Act, 2015 was enacted which replaced Ordinance.



4. Subsequently, Ministry of Coal, O/o of Nominated Authority constituted under Section 6 of Coal Mines (Special Provisions) Act, 2015 (under clause (b) of sub-rule (2) of rule 7 and sub-rule (1) of rule 13 of the Coal Mines (Special Provisions) Rules 2014 read with clause (b) of sub-section (3) of Section 6 and sub-section (3) of Section 8 of the Coal Mines (Special Provisions) Act, 2015), vide Order no. NA-104/30/2022-NA dated 17th January, 2023 in favour of M/s Birla Corporation Limited, incorporated in India under the Companies Act, 1956 with corporate identity number L01132WB1919PLC003334, whose registered office and principal place of business is at Birla Building, 9/1, R.N. Mukherjee Road, Kolkata-700071, India (the "successful bidder"), for the purpose of Sale of Coal, including sale of Affiliates and related parties, utilization of coal for any purpose including but not limited to captive consumption, Coal Gasification, Coal Liquefaction and export of Coal.

5. MoEFCC vide Gazette Notification S.O. 811(E) Notification dated 23.03.2015, has made amendments to paragraph 11 in the Gazette Notification S.O.1533 (E) dated 14th September, 2006. Vide the said amendment; wherein allocation of coal block is cancelled in any legal proceeding; or by the Government in accordance with law, the environmental clearance granted in respect of such coal block may be transferred, subject to the same validity period as was initially granted, to any legal person to whom such block is subsequently allocated, and in such case, obtaining of "no objection" from either the holder of environment clearance or from the regulatory authority concerned shall not be necessary and no reference shall be made to the Expert Appraisal Committee or the State Level Expert Appraisal Committee concerned

6. PP has submitted Undertaking on Indian Non-Judicial Stamp paper of Rs. 100 by Authorized Signatory, Notarized by Asis Kumar Sen, Notary, Govt. of India,. It has been stated as mentioned below:

Birla Corporation Limited, hereby undertake to comply with all the environmental safeguards/ the terms and conditions as stipulated in the Environmental Clearance granted by the Ministry of Environment, Forest and Climate Change vide its letter No. J-11015/288/2011-IA.II(M), dated 26th July, 2014 of Marki-Barka Underground Coal Mine Project Singrauli, Madhya Pradesh issued as per EIA Notification, 2006

7. In view of Ministry of Coal Allotment/vesting Order no. NA-104/30/2022-NA dated 17th January, 2023 and MoEFCC Gazette Notification dated 23rd March, 2015, the EC granted vide its letter No. J-11015/288/2011-IA.II(M) dated 16th July, 2014 to Marki-Barka Underground Coalmine Project (1.0 MTPA in an ML area of 700 Ha) of M/s Madhya Pradesh State Mining Corporation Ltd., located in Singrauli Coalfields, Tehsil Deosar, District Singrauli (Madhya Pradesh), under the provisions of Environment Impact Assessment Notification, 2006 and amendments thereto and Circulars issued thereon, subject to the compliance of the terms and conditions mentioned therein is **hereby transferred** from **M/s Madhya Pradesh State Mining Corporation Ltd to M/s Birla Corporation Limited**, subject to the following conditions:-

(i) Any change in scope of work will attract the provisions of Environment (Protection) Act, 1986 and the Environmental Impact Assessment Notification, 2006 in conjunction with the subsequent amendments/circulars.

(ii) All conditions stipulated in the EC vide its letter No. J-11015/288/2011-IA.II(M) dated 16th July, 2014, shall remain unchanged. Corrigendum to the EC in the condition (xxiii) was granted by Ministry dated 1st August, 2012

(iii) The successful bidder shall be liable, if any, for any act of violation of the EPA 1986 / EIA Notification 2006 /subsequent amendments and circulars which it has inherited during the transfer.

(iv) Successful bidder shall be liable for compliance of all court directions, if any.

8. This issues with approval of the competent authority.



(Lalit Bokolia)

Director

Copy to:

1. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi
2. The APCCF, MOEF&CC, Regional Office(EZ), E-5 Arera Colony, Bhopal - 462 016 (Madhya Pradesh)
3. The Secretary, Department of Environment & Forests, Government of Madhya Pradesh, Secretariat, Bhopal
4. The Chairman, Central Ground Water Authority, Ministry of Jal Shakti, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
5. The Chairman, Madhya Pradesh State Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462 016
6. The District Collector, Singrauli, Government of Madhya Pradesh
7. Monitoring File/Guard File/Record File
8. PARIVESH Portal



(Lalit Bokolia)

Director

No. J-11015/288/2011-IA.II (M)
Government of India
Ministry of Environment, Forests and Climate Change

Indira Paryavaran Bhawan,
Jorbagh Road,
New Delhi-110003
Dated: 16th July, 2014

To,

The General Manager (Operation),
M/s M.P. State Mining Corp. Ltd.,
Paryavas Bhawan,
Block No.1 (A), Second Floor,
Jail Road, Arera Hills,
BHOPAL – 462011

Sub. : Marki-Barka Underground Coalmine Project (1.0 MTPA in an ML area of 700 Ha; Latitude 24°10'22"N to 24°12'13"N and longitude 82°12'44" E to 82°14'42" E) of M/s Madhya Pradesh State Mining Corporation Ltd., located in Singrauli Coalfields, Tehsil Deosar, Dist. Singrauli, Madhya Pradesh - Environment Clearance - reg.

Sir:

This is with reference to letter no Geol/2011-12/256 dated 29.11.2011 with the application for Terms of Reference (TOR) and this Ministry's letter dated 23.03.2012 granting TOR. Reference is also invited to the letter no Geol/2013-14/19 dated 16.04.2013 and subsequent letter nos. dated 13.09.2013; 16.09.2013; 26.12.2013, 04.03.2014 and 05.06.2014 for environmental clearance on the above-mentioned subject.

2. The Ministry of Environment & Forests has considered the application. It is noted that the proposal is for grant of Environmental Clearance for **Marki-Barka Underground Coalmine Project (1.0 MTPA in an ML area of 700 Ha; Latitude 24°10'22"N to 24°12'13"N and longitude 82°12'44" E to 82°14'42" E) of M/s Madhya Pradesh State Mining Corporation Ltd., located in Singrauli Coalfields, Tehsil Deosar, Dist. Singrauli, Madhya Pradesh.** The proposal was considered in the 5th EAC meeting held on 25th-26th November, 2013. The proponent has informed that:

- i. It is the Underground coal mining project of M/s Madhya Pradesh State Mining Corporation Ltd to which Ministry accorded TOR vide letter no. J-11015/288/2012-IA.II (M) dated 22.03.2012.
- ii. The latitude and longitude of the project are 24°10'22"N to 24°12'13"N and 82°12'44" E to 82°14'42" E respectively.
- iii. The proposal is for establishment of an underground mine of 1 MTPA capacity in an ML area of 700ha. The UG mining would be undertaken in a depth of 30m-400m. No subsidence is anticipated as no depillaring is proposed, although this would lead to an extraction of only 46% of the coal reserves.
- iv. The land usage of the project will be as follows:

Pre-mining:

Type of Land use	Area in Ha.
Private Agricultural Land	304.90
Govt. Revenue Non Forest Land	101.10
Protected Forest	294.00
Total	700.00



- Post-mining:** No extraction of coal below village land, forest land and surface water bodies –Out of Balance 584.50 ha. only 155.0 ha. land is expected to be affected by subsidence. Agricultural use of land will continue after subsidence, with some reclamation. **Core area** of 15.50 ha. of agricultural land will be reclaimed after 38 years
- v. The total **geological** reserve is 70.22 MT. The mineable reserve 35.13 MT, extractable reserve is 35.13 MT. The per cent of extraction would be 50 %.
 - vi. The **coal grades** are Grade B to F, Gross calorific value – 3620 kcal/ kg. to 6210 Kcal/ kg. The average Gradient is both dip and dip direction varies, Dip varies from 5°-8° to 15°-20°. There will be total eight seams with thickness ranging from 1.2 m to 5.0 m.
 - iv. The total estimated **water requirement** is 240 m³/d excluding colony, 300 m³/d for colony. The level of ground water ranges from 5.70 m to 12.35 m Core Zone, 3.0 m to 18.0 m Buffer Zone.
 - v. The **Method of mining** would be by underground and by mechanized Bord & Pillar methods.
 - vi. There is neither external OB dump nor internal dumps as it is underground mine. There will be no quarry area.
 - vii. The **seasonal data** for ambient air quality has been documented and all results at all stations are within prescribed limits.
 - viii. The existing roads at a distance of 1km from the mine would be used for coal transportation and would not lead to fragmentation of forest found in the study area. There are 4-5 coal projects within 10km radius. Continuous Miners would be deployed and there would be no blasting.
 - x. The **life of mine** is 35 Years.
 - xi. **Transportation:** Coal transportation in pit to surface by Underground by conveyors, Surface to Siding by road over distance of 15 km, siding to loading wagons will be loaded through mechanical means.
 - xii. There is **R & R** involved. There are 59 PAFs.
 - xiii. **Cost:** Total capital cost of the project is Rs. 350 Crore. CSR Cost (Rs. 6.5 crore on capital account plus Rs. 2.5 crore on Revenue account, Total Rs. 9 crores during first five years after start of mine. R&R Cost 8.05 crores. Environmental Management Cost is Rs.1.58 crore on Capital Account and Rs. 24 lakhs per annum on revenue account.
 - xiv. **Water body :** Five seasonal nallas/watercourses within the proposed lease area, each having a few tributary seasonal courses Buffer Zone has two perennial rivers, Dhamar river on South side and Mahan Nadi on North -East side. Dhamar river is tributary of Mahan river.
 - xv. **Approvals:** Mining Plan was approved vide Ministry of Coal letter no. 13016/34/2011-CA1, dated 22nd February 2013. Mine Closure Plan is part of approved Mining Plan which was approved on 22nd February 2013
 - xvi. **Wildlife issues:** There are no national Parks, wildlife sanctuary, biosphere reserves found in the 10 km buffer zone.
 - xvii. **Forestry issues:** Total forest area involved for mining 294.00 Ha. Extent of forest land in the project is 294.00 Ha. The Stage I Forest Clearance has been received vide letter no. 8-64/2012-FC dated 05th May, 2014 for 294 Ha.
 - xviii. Total **afforestation** plan shall be implemented covering an area of 15.5 ha at the end of mining. Green Belt over an area of 1.5 ha. Density of tree plantation shall be 2500 trees/ ha.
 - xix. There are no court cases/violation pending with the project proponent..
 - xx. **Public Hearing:** Public Hearing was held on 11.01.2013 at Village Purail, Tahsil Sarai (Devsar), Dist. Singrauli. The issues raised in the Public Hearing were regarding compensation for land acquired and jobs for land outstees, education, roads, electricity, health etc.
3. The Madhya Pradesh State Pollution Control Board, vide its letter no. 8723 TS/MPPCB/2013 dated 07.12.2013 in formed that the above proposal is not within the boundary of CEPI Singrauli MP. The area is approx. 50 km away from the CEPI area.
4. The proposal was reconsidered in the Expert Appraisal Committee (EAC) (Thermal & Coal Mining) and recommended in 5th EAC meeting held on 25th -26th November, 2013 for granting

environmental Clearance. The Ministry of Environment & Forests hereby accords environmental clearance for the above-mentioned **Marki-Barka Underground Coalmine Project (1.0 MTPA in an ML area of 700 Ha; Latitude 24°10'22"N to 24°12'13"N and longitude 82°12'44" E to 82°14'42" E) of M/s Madhya Pradesh State Mining Corporation Ltd., located in Singrauli Coalfields, Tehsil Deosar, Dist. Singrauli, Madhya Pradesh** under the provisions of the Environment Impact Assessment Notification, 2006 and subsequent amendments thereto subject to the compliance of the terms and conditions mentioned below:

A. Specific Conditions:

- i. The maximum production from the mine at any given time shall not exceed the limit as prescribed in the EC.
- ii. No mining operations shall be undertaken in the forestland until clearance has been obtained under the provisions of FC Act, 1980.
- iii. There shall be mechanized loading into the railway wagon.
- iv. The project proponent is advised to work alongwith other stakeholders in the area for getting their siding near the mine.
- v. As proposed by the Project proponent, a long conveyor belt of 15 km from mine to the railway siding for dispatch of coal will be laid down. Alternatively, the proponent will bring the railway siding closure to the mine with mechanized loading.
- vi. The existing roads at a distance of 1km from the mine would be used for coal transportation and would not lead to fragmentation of forest found in the study area. There are 4-5 coal projects within 10km radius. Continuous Miners would be deployed and there would be no blasting.
- vii. Road transport shall be by mechanically covered trucks is permitted for 5 years only. The loading of coal shall be by covered by mechanized loading.
- viii. Since the area is pre-dominantly populated by tribals and there are extensive degraded forest patches in and around the tribal settlements and in the project area, the proponent should provide a one-time grant of 3 crores for plantation of trees which would provide livelihood to the tribals. This may be carried out through the Forest Department in a time bound manner.
- ix. Continuous monitoring of subsidence shall be carried out and mitigation measures are taken on the subsided areas by a special team.
- x. Training be imparted to local inhabitants for skilled and semi-skilled jobs.
- xi. Development of Dairy and poultry and other lively hood measures are provided for employment /job creation for local families.
- xii. The treated of mine water be utilized for cultivation.
- xiii. Coal transportation in pit underground to surface by conveyor. Surface to Siding by Tippers to the pit head stockpile and stock yards at railway sidings and siding to loading by pay loader
- xiv. The production shall be within the same Mining Lease area.
- xv. A separate team for subsidence monitoring and surface mitigation measures be constituted and continuous monitoring and mitigation measures be carried out.
- xvi. Regular monitoring of subsidence movement on the surface over and around the working area and impact on natural drainage pattern, water bodies, vegetation, structure, roads, and surroundings shall be continued till movement ceases completely. In case of observation of any high rate of subsidence movement, appropriate effective corrective measures shall be taken to avoid loss of life and material. Cracks shall be effectively plugged with ballast and clay soil/suitable material.
- xvii. If subsidence is found exceeding the permitted limits, then the landowners shall be adequately compensated with mutual agreement of the landowners.
- xviii. Mining shall be carried out as per statuette at a safe distance from river/nalla following within adjacent to the lease boundary at the time of depillaring, protective bunds and garland drains shall be provided so that no water from the surface enters the subsidence area and the shaft.
- xix. Sufficient coal pillars shall be left unextracted around the air shaft (within the subsidence influence area) to protect from any damage from subsidence, if any.

- xx. Solid barriers shall be left below the roads falling within the blocks to avoid any damage to the roads.
- xxi. Diversion of Land shall be done with approval of the Competent Authorities.
- xxii. Coal Extraction shall be optimised in areas where agricultural production is continuing. Some pillar shall be left below the agricultural land. No depillaring & coal extraction should be carried out below habitation, H.T. Lines & beneath road, water bodies, railway track.
- xxiii. The mined out land should be used for agriculture purpose.
- xxiv. Safety measures and health issues need to be addressed for workers and surrounding villagers.
- xxv. Proponent shall implement all the related safety measures with safety equipments.
- xxvi. The CSR cost should be Rs 5 per Tonnes of Coal produced which should be adjusted as per the annual inflation.
- xxvii. At the time of establishing the CHP, it is proposed to establish mist spray arrangements and also enclosing the ground level bunkers up to the level of gantry.
- xxviii. An afforestation plan to be prepared for implementation after stabilization of subsidence.
- xxix. Water spraying arrangements at loading points and mist spray arrangements are to be provided.
- xxx. No additional land, manpower and equipment and water shall be used for the expansion project.
- xxxi. Mine closures activities include sealing of incline mouth dismantling of haulage system, clearing and afforestation of coal stock area, plantation on barren land and old abandoned mine.
- xxxii. 3-tier plantation should be developed over 2 km stretch of road from the mine using native species
- xxxiii. Garland drains (size, gradient and length) around the safety areas such as mine shaft and low lying areas and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the mine sites. Sump capacity shall also provide adequate retention period to allow proper settling of silt material.
- xxxiv. Water sprinkling system shall be provided to check fugitive emissions from loading operations, conveyor system, haulage roads, transfer points, etc. Major approach roads shall be black topped and properly maintained.
- xxxv. A progressive afforestation plan shall be prepared and implemented over the mine lease area acquired and shall include areas under green belt development, areas along roads, infrastructure, along ML boundary and township etc., by planting native species in consultation with the local DFO/Agriculture Department.
- xxxvi. Regular monitoring of groundwater level and quality shall be carried out by establishing a network of existing wells and construction of new peizometers. The monitoring for quantity shall be done four times a year in pre-monsoon (May), monsoon (August), post-monsoon (November) and winter (January) seasons and for quality in May. Data thus collected shall be submitted to the Ministry of Environment & Forests and to the Central Pollution Control Board quarterly within one month of monitoring.
- xxxvii. High root density tree species shall be selected and planted over areas likely to be affected by subsidence.
- xxxviii. Monitoring of drinking water quality should be carried out regularly.
- xxxix. Sewage treatment plant shall be installed in the township. ETP shall also be provided for treating workshop and CHP effluents.
- xl. For monitoring land use pattern and for post mining land use, a time series of land use maps, based on satellite imagery (on a scale of 1:5000) of the core zone and buffer zone, from the start of the project until end of mine life shall be prepared once in 3 years (for any one particular season which is consistent in the time series), and the report submitted to MOEF and its concerned Regional Office.
- xli. If the water quality parameters such as F, pH, heavy metals, etc. exceed the prescribed limits, suitable measures by the proponent be taken to ensure that the local communities are provided alternate source of water for their livelihood.
- xlii. Medical camps should be organized in the area for regular check-up of workers/ villagers/population. Detailed prevalent disease pattern in the area should be documented and details of medical facilities provided for the same be made available to the MoEF.
- xliii. Mine discharge water outside the ML area shall be monitored, particularly for TDS and treated to conform to prescribed levels before discharge into the natural environment.



- xiv. The Company shall put up artificial groundwater recharge measures for augmentation of groundwater resource, in case the water table shows a declining trend. The project authorities shall meet water requirement of nearby village(s) in case the village wells go dry due to dewatering of mine.
- xlv. Besides carrying out regular periodic health check-up of their workers, 10% of the workers identified from workforce engaged in active mining operations shall be subjected to health check-up for occupational diseases and hearing impairment, if any, through an agency such as NIOH, Ahmadabad within a period of one year and the results reported to this Ministry and to DGMS.
- xlvi. The mining in the existing mines should be phased out after expiry of the current mining lease and after reclamation of mined over area. The operating mines may be analysed and monitored for compliance of conditions, bearing with movement of wildlife and until such time they are closed/phased out.
- xlvii. Project specific CSR for an amount of Rs. 5/Tonne of coal production, as adjusted as per the annual inflation, should be provided for the CSR activities undertaken and the progress made thereon shall be uploaded annually on the company website. Monitoring of the impacts of activities under CSR shall be carried out periodically.
- xlviii. A Final Mine Closure Plan along with details of Corpus Fund shall be submitted to the Ministry of Environment & Forests 5 years in advance of final mine closure for approval.
- xlix. The commitment made by the Proponent to the issue raised during Public Hearing shall be implemented by the Proponent.
- l. Corporate Environment Responsibility:
- a) The Company shall have a well laid down Environment Policy approved by the Board of Directors.
 - b) The Environment Policy shall prescribe for standard operating process/procedures to bring into focus any infringements/deviation/violation of the environmental or forest norms/conditions.
 - c) The hierarchical system or Administrative Order of the company to deal with environmental issues and for ensuring compliance with the environmental clearance conditions shall be furnished.
 - d) To have proper checks and balances, the company shall have a well laid down system of reporting of non-compliances/violations of environmental norms to the Board of Directors of the company and/or shareholders or stakeholders at large.

B. General Conditions

- i. No change in mining technology and scope of working shall be made without prior approval of the Ministry of Environment and Forests.
- ii. No change in the calendar plan of production for quantum of mineral coal shall be made.
- iii. Four ambient air quality monitoring stations shall be established in the core zone as well as in the buffer zone for PM₁₀, PM_{2.5}, SO₂ and NO_x monitoring. Location of the stations shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Monitoring of heavy metals such as Hg, As, Ni, Cd, Cr, etc carried out at least once in six months.
- iv. Data on ambient air quality (PM₁₀, PM_{2.5}, SO₂ and NO_x) and heavy metals such as Hg, As, Ni, Cd, Cr and other monitoring data shall be regularly submitted to the Ministry including its concerned Regional Office and to the State Pollution Control Board and the Central Pollution Control Board once in six months. Random verification of samples through analysis from independent laboratories recognised under the EPA rules, 1986 shall be furnished as part of compliance report.
- v. Adequate measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in blasting and drilling operations, operation of HEMM, etc shall be provided with ear plugs/muffs.



- vi. Industrial wastewater (workshop and wastewater from the mine) shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time before discharge. Oil and grease trap shall be installed before discharge of workshop effluents.
- vii. Vehicular emissions shall be kept under control and regularly monitored. Vehicles used for transporting the mineral shall be covered with tarpaulins and optimally loaded.
- viii. Monitoring of environmental quality parameters shall be carried out through establishment of adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board and data got analysed through a laboratory recognised under EPA Rules, 1986.
- ix. Personnel working in dusty areas shall wear protective respiratory devices and they shall also be provided with adequate training and information on safety and health aspects.
- x. Occupational health surveillance programme of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and to take corrective measures, if needed and records maintained thereof. The quality of environment due to outsourcing and the health and safety issues of the outsourced manpower should be addressed by the company while outsourcing.
- xi. A separate environmental management cell with suitable qualified personnel shall be set up under the control of a Senior Executive, who will report directly to the Head of the company.
- xii. The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.
- xiii. The Project authorities shall advertise at least in two local newspapers widely circulated around the project, one of which shall be in the vernacular language of the locality concerned within seven days of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution control Board and may also be seen at the website of the ministry of Environment & Forests at <http://envfor.nic.in>.
- xiv. A copy of the environmental clearance letter shall be marked to concern Panchayat/Zila Parishad, Municipal Corporation or Urban local body and local NGO, if any, from whom any suggestion/representation has been received while processing the proposal. A copy of the clearance letter shall also be displayed on company's website.
- xv. A copy of the environmental clearance letter shall be also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industry Sector and Collector's Office/Tehsildar's Office for 30 days.
- xvi. The clearance letter shall be uploaded on the company's website. The compliance status of the stipulated environmental clearance conditions shall also be uploaded by the project authorities on their website and updated at least once every six months so as to bring the same in public domain. The monitoring data of environmental quality parameter (air, water, noise and soil) and critical pollutant such as PM₁₀, PM_{2.5}, SO₂ and NO_x (ambient) and critical sectoral parameters shall also be displayed at the entrance of the project premises and mine office and in corporate office and on company's website.
- xvii. The project proponent shall submit six monthly compliance reports on status of compliance of the stipulated environmental clearance conditions (both in hard copy and in e-mail) to the respective Regional Office of the Ministry, respective Zonal Office s of CPCB and the SPCB.
- xviii. The Regional Office of this Ministry located in the Region shall monitor compliance of the stipulated conditions. The Project authorities shall extend full cooperation to the office(s) of the Regional Office by furnishing the requisite data/ information/monitoring reports.
- xix. The Environmental statement for each financial year ending 31 March in For -V is mandated to be submitted by the project proponent for the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be uploaded on the company's website along with the status of compliance of EC conditions and shall be sent to the respective Regional Offices of the MoEF by e-mail.

5. The proponent shall abide by all the commitments and recommendations made in the EIA/EMP

Marki-Barka_EC



report so also during their presentation to the EAC.

6. The proponent is required to obtain all necessary clearances/approvals that may be required before the start of the project. The Ministry or any other competent authority may stipulate any further condition for environmental protection.
7. The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
8. The Proponent shall setup an Environment Audit cell with responsibility and accountability to ensure implementation of all the EC Conditions.
9. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
10. The above conditions will be enforced *inter-alia*, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and Rules. And also any other orders passed by the Hon'ble Supreme Court of India/ High Court and any other Court of Law relating to the subject matter. The proponent shall ensure to undertake and provide for the costs incurred for taking up remedial measures in case of soil contamination, contamination of groundwater and surface water, and occupational and other diseases due to the mining operations.
11. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(Dr. Manoranjan Hota)
Director

Copy to:

1. Secretary, Ministry of Coal, New Delhi.
2. Chief Conservator of Forests, Regional office (EZ), Ministry of Environment & Forests, E-2/240 Arera Colony, Bhopal – 462016.
3. Secretary, Department of Environment & Forests, Government of Madhya Pradesh, Secretariat, Bhopal.
4. Member Secretary, Madhya Pradesh State Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal – 462016.
5. Member Secretary, Central Pollution Control Board, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110032.
6. Inspector General of Forest (FC), Ministry of Environment forest & Climate Change, Indira Paryavaran Bhawan, Jorbagh New Delhi- 110003
7. Member-Secretary, Central Ground Water Authority, Ministry of Water Resources, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi.
8. District Collector, Singrauli, Government of Madhya Pradesh.
9. Monitoring File 10. Guard File 11. Record File 12. Notice Board.


(Dr. Manoranjan Hota)
Director