



J-11015/306/2005-IA.II(M)
Government of India
Ministry of Environment Forest and Climate Change
Impact Assessment Division

Indira Paryavaran Bhawan,
Jorbagh Road, N Delhi – 3
E mail: lk.bokolia@nic.in Tel: 011-24695301

Dated: 27th May, 2021

To,

The Chief General Manager (CP&P)
M/s Mahanadi Coalfields Limited
PO - JagrutiVihar, Burla,
Sambalpur-768 020 (Odisha)

E-mail: cgmenvt2014@gmail.com

Sub: Natraj underground coal mine Project of 0.64 MTPA capacity in mine lease area of 483.227 Ha of M/s. Mahanadi Coalfields Limited located in village Natedi, Danara, Badajorada, Kochianali, Kauchiakhhol RF, Tehsil: Talcher, District: Angul (Odisha) - Revalidation of Environmental Clearance (as per Ministry's Notification dated 6th April, 2018) - reg.

Sir,

This has reference to your online proposal No. IA/OR/CMIN/8439/2005 dated 24th September, 2018, for Revalidation of Environmental Clearance dated 14th July, 2006, submitted to this Ministry in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986 for Natraj underground coal mine Project of 0.64 MTPA capacity in mine lease area of 483.227 Ha of M/s. Mahanadi Coalfields Limited located in village Natedi, Danara, Badajorada, Kochianali, Kauchiakhhol RF, Tehsil: Talcher, District: Angul (Odisha).

The project/activity is covered under category 'A' of item 1 (a) 'Mining of Minerals' the Schedule to the EIA Notification, 2006

2. The proposal was considered by the Expert Appraisal Committee (EAC) in the Ministry for Thermal & Coal Mining Sector in its 45th meeting held on 27th May, 2019 and in 11th meeting held on 9th April, 2021.

3. Project Proponent through State Pollution Control Board had published public notice on dated 25th December, 2019 and report of the same submitted vide Letter No 4930 /IND-NOC-II-Misc 289 Date 4th June, 2020. No comments have been received from any stakeholders. Certified Compliance Monitoring report has been submitted by Ministry's Regional Office Bhubaneswar vide Letter No 101- 218 / 1786, dated 3rd October, 2019. Accordingly, The project authorities have

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submitted that the compliance to various stipulations an environment safeguard measures, as stipulated in the Environment Clearance. An area of 289.856 ha of forest land has been reported to be involved in the project. Approval of Stage-II Forest Clearance under the Forest (Conservation) Act, 1980 for diversion to non-forestry activity (i.e. coal mining activity) has been obtained vide Letter No.8-73/2004-FC dated 30th June, 2009. Consent to Operate (CTO) for the coal production quantity of Nil has been obtained on 25th March, 2019 and its validity is upto 31st March, 2022. Mine Plan / Project Report of capacity of 0.64 MTPA has been approved during 54th meeting of CIL Board on dated 27th November, 2020. Progressive Mine Closure Plan has been approved during 130th meeting of Board of Directors of MCL held on dated 22nd June, 2011

4. The Expert Appraisal Committee in its 11th meeting held on 9th April, 2021 has recommended the project for grant of Revalidation of Environment Clearance (EC) based on Ministry's Notification dated 6th April, 2018. Based on recommendations of the EAC, Ministry of Environment, Forest and Climate Change hereby accords approval for revalidation of the environmental clearance dated 14th July, 2006 to Natraj underground coal mine Project of 0.64 MTPA capacity in mine lease area of 483.227 Ha of M/s. Mahanadi Coalfields Limited located in village Natedi, Danara, Badajorada, Kochianali, Kauchiakhol RF, Tehsil Talcher, District Angul, (Odisha) for life of the mine or 30 years whichever is earlier, as required under Ministry's Notification dated 6th April, 2018 and under the provisions of Environment Impact Assessment Notification, 2006 and subsequent amendments/circulars thereto subject to the compliance of the following terms & conditions / specific conditions mentioned below for environmental safeguards:

- (i) All the conditions mentioned in EC dated 14th July, 2006 shall be implemented.
- (ii) PP shall implement rain water harvesting mechanism in order recharge the ground water or as water conservation measure in addition to the proposed structure.
- (iii) PP shall carry out regular monitoring of Ground water level and quality.
- (iv) Effective safeguard measures for prevention of dust generation and subsequent suppression like regular water sprinkling shall be carried out in areas prone to air pollution. The Fugitive dust emission from all sources shall be regularly controlled by installation of required equipment's. It should be ensured that air pollution level confirm to the standards prescribed by the MOEFCC/CPCB
- (v) The PP shall submit time bound action plan to the concerned Regional Office of Ministry within 6 months from the date of issuance of EC for undertaking the activities committed during the Public Consultation.
- (vi) Adequate effectiveness of EMP should be analyzed in the offset/hike of air pollution data from continuous monitoring station and quarterly report shall be generated and submitted with 6 monthly compliance reports to RO, MoEF&CC.
- (vii) Continuous monitoring of Occupational health safety and other health hazards and the corrective actions need to be ensured.
- (viii) 5 nos. of Fog canon (mist sprayer) shall be installed to reduce the impact of air pollution at dust generating sources.
- (ix) Water quality and Bioassay test of Nandira Jhor shall be monitored quarterly and submitted to State Pollution Control Board.

- (x) Project proponent to plant 150,000 nos. of Sal trees along the periphery of habitation/villages and transportation route till railway siding is commissioned to prevent the effect of air pollution. After completion of tree plantation, number of trees shall be duly endorsed from District Forest Officer
- (xi) PP should establish latest equipment such as continuous miner based on the advancement to improve the environment efficiency of production rate and energy saving
- (xii) PP shall take adequate measure so that land subsidence shall not occur. Compensation shall be paid by PP to people due to any subsidence in-concurrence of District Collector.

5. 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 Additional Principal Chief Conservator of Forests, Regional office (EZ), Ministry of Environment & Forests, A-31, Chandershekharpur, Bhubaneswar- 751023 (Odisha).
3. The Secretary, Department of Environment & Forests, Government of Orissa, Secretariat, Bhubaneswar (Odisha).
4. The Chairman, Central Ground Water Authority, Ministry of Water Resources, River Development & Ganga Rejuvenation, Curzon Road Barracks, A-2, W-3 Kasturba Gandhi Marg, New Delhi.
5. The Chairman, Orissa State Pollution Control Board, Parivesh Bhawan, A/118, Nilkanthanagar, Unit VIII, Bhubaneshwar - 751012 (Odisha).
6. District Collector, Angul, Government of Odisha.
7. Monitoring File /Record File
8. PARIVESH Portal


(Lalit Bokolia)
Director

