



State Environment Impact Assessment Authority, M.P.
(Government of India, Ministry of Environment & Forests)

Environmental Planning & Coordination Organization

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No: 3197 / SEIAA /16

Date: 22.8.16

To,
Shri Surendra Kumar Agrawal
R/o 1, Civil Line,
Katni (M.P.) – 483501

Sub: Case No. 3991/ 2015 Prior Environment Clearance for **Dolomite Mine** (Opencast Mechanised Method) in an area of 8.093 ha for expansion in production capacity from 19000 TPA to 100792 TPA at Khasra No. 479 at Village - Bhadawar, Tehsil - Barwara, District - Katni (MP) by Shri Surendra Kumar Agrawal R/o 1, Civil Line, Katni (M.P.) – 483501.

This has reference to your application received in SEIAA office on 14.10.2015 and subsequent letters seeking Prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., the Form – I, Appendix-1, Mining Plan, EMP and the additional clarifications furnished in response to the observations of the State Level Expert Appraisal Committee (SEAC) and State Level Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

II. It has been noted that the proposal is for **Dolomite mine** in an area of 8.093 ha. The mining lease area is located in Khasra no. 479 at Village- Bhadawar, Tehsil - Barwara, District - Katni (M.P.). Geographically mining lease area falls under the co-ordinates latitude 23°41'47.0" N to 23°41'58.8" N and longitude 80° 34'59.2" E to 80° 35'11.7" E. The nearest village Bhadawar is located at a distance of 1 km. There is no National Park/Sanctuary and interstate boundary within 10 km radius.

The proposed project is for expansion in production capacity from **19000 TPA to 100792 TPA**. The mining will be carried out by Opencast Mechanized Method. The Mining plan is approved by the IBM (vide letter no. MP /Katni /Limestone/M.Sch-85/12-13/3836 dtd. 23.07.2013). The water requirement is 24 KLD (13 KLD Dust Suppression + 06 KLD Green Belt + 05 KLD Drinking/Domestic purpose), which shall be met from the Water Tankers from nearest village and mine pit water. The 2.756 ha area shall be covered under plantation and 6000 saplings shall be planted at the end of lease period.

III. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated 14th September 2006.

IV. Based on the information submitted, as at Para (II) above and others the State Level Environment Impact Assessment Authority (SEIAA) considered the case in its 357th meeting dtd. 27.07.2016 & Corrigendum 359th SEIAA meeting dtd. 10.08.2016 and decided to accept the recommendations of 34th SEAC-II meeting dtd. 25.06.2016.

AGL

Hence, Prior Environmental Clearance is granted for **Dolomite Mine** (Opencast Mechanised Method) in an area of 8.093 ha for expansion in production capacity from 19000 TPA to 100792 TPA at Khasra No. 479 at Village - Bhadawar, Tehsil - Barwara, District - Katni (MP) for the lease period (up to 24.05.2027) to Shri Surendra Kumar Agrawal R/o 1, Civil Line, Katni (M.P.) – 483501, subject to the compliance of following specific conditions as recommended by SEIAA & SEAC and subsequent Standard Conditions.

A. Specific Conditions

1. Before commencing any mining activity fencing of the entire area shall be carried out.
2. Kachha village road from mine site to Katni road (NH-7) shall be tarred and maintained on regular basis by PP alongwith adjoining mine lease holders in consultation with Collector, Katni.
3. Plantation programme as mentioned in comprehensive EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
4. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and develop a green belt. The two row plantation shall be carried out in the greenbelt area in current year.
5. Plantation shall be initiated in current year in the non-mining area and at least 03 year plants shall be planted in the green belt and other plantation area.
6. Separate budget provision shall be made for the green belt @ 2.50 lakhs per year.
7. Proper pipeline shall be installed for providing water to the plants of green belt and proposed plantation.
8. Garland drain with settling tanks shall be constructed all around the mine. PP shall also ensure the proper cleaning and maintenance of garland drain and settling tank.
9. Sludge shall be removed physically and dumped at overburden side.
10. Overburden dump shall be planted with fast growing grass to check soil erosion.
11. PP shall ensure that the water table should not be intersected during the mining operations.
12. Regular water quality monitoring shall be carried out by PP before discharging it into the nearby agriculture fields from authorised laboratory in consultation with Regional Officer, MPPCB.
13. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and developed a green belt. The two row plantation shall be carried out in the greenbelt area in current year.
14. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
15. Proper infrastructure with shelter and toilet facility shall be developed for the labourers.
16. Under CSR activity in addition to the proposed activities following activities should be added:
 - a) Providing sanitation facilities and clean drinking for the schools near the mine site in consultation with Collector, Katni.
 - b) Skill upgradation of the youth incorporating training in digital india campaign for the villagers of nearby villages.
 - c) Sanitation activities including construction of individual toilets for local residents in consultation with village Panchayat.
 - d) Drinking water facilities for villagers of nearby villages.
 - e) Installation of rainwater harvesting structure.
17. The appropriate budget provision shall be made for the CSR activities..
18. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
19. Transportation of material shall be done in covered vehicles.

20. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
21. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
22. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area. The proposed plantation should be carried out along with the mining and PP would maintain the plants including casualty replacement. Top soil shall be staked separately and shall be used for plantation only.
23. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan. Appropriate garland drain with settling tanks all around the OB dumps shall be constructed and connected to settling tank.
24. The village roads should not be used for material transportation and the approach roads shall be maintained by the PP.
25. The proposed plantation should be carried out along with the mining and PP would maintain the plants including casualty replacement.
26. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
27. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
28. Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

B. Standard Conditions

1. Controlled blasting techniques, as and when required, shall be carried out in the day time only.
2. Mining will be carried out as per the approved Mining Plan. In case of any violation of Mining Plan the Environmental Clearance given by SEIAA will stand cancelled.
3. Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points.
4. Where the quarry is in a hilly terrain and where some part of the hill is already cut for quarrying, further hill cutting shall not be done. In such cases, deepening the existing operational area may be preferably done.
5. Precise mining area will be jointly demarcated at site by officials of Mining/Revenue department prior to mining operations for all proposals under consideration.
6. The lease holder shall obtain necessary prior permission of the competent authorities for drawal of requisite quantity of water (surface water and groundwater), if required for the project.
7. Parking of vehicles should not be made on public places.
8. Special Measures shall be adopted to prevent the nearby settlements from the impacts of mining activities. Maintenance of roads through which transportation of minor minerals is to be undertaken, shall be carried-out regularly.
9. Measures for prevention and control of soil erosion and management of silt shall be undertaken.
10. Trenches / garland drains shall be constructed at foot of dumps to arrest silt from being carried to water bodies.
11. The project proponent will ensure necessary protection measures around the mine pit, waste dumps and garland drain.

12. Top soil / solid waste shall be stacked properly with proper slope and adequate safeguards and shall be utilized for backfilling (wherever applicable) for reclamation and rehabilitation of mined out area.
13. Plantation programme shall be carried out as per EMP. Self sustenance of the vegetation should be ensured. No tree-felling shall be done in the leased area, except only with the permission from competent authority.
14. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation.
15. Project Proponent shall ensure appropriate arrangement for shelter and drinking water for the mine workers.
16. Persons working in dusty areas shall be provided with protective respiratory devices and they shall also be imparted adequate training and information on safety and health aspects.
17. Dispensary facilities for first-aid shall be provided at site.
18. A copy of the environmental clearance shall be submitted by the Project Proponent to the Heads of the Local Bodies, Panchayat and Municipal Bodies, as applicable, in addition to the relevant officers of the Government
19. The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
20. 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.
21. Any appeal against this prior environmental clearance shall lie with the Green Tribunal, if necessary, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


 (Anupam Rajan)
 Member Secretary

Endt No. ³¹⁹⁸ / SEIAA/16 Dated: 22.8.16
 Copy to:-

1. Principal Secretary, Department of Environment, Government of Madhya Pradesh, Mantralaya, Bhopal.
2. Secretary, SEAC, Research and Development Wing Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony Bhopal-4620 16
3. Member Secretary, Madhya Pradesh Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal-462016
4. Collector, District - Katni, M. P.
5. Divisional Forest Officer, District - Katni, M. P.
6. I.A. Division, Monitoring Cell, MoEF & CC, Gol, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi- 110 003.
7. Director (S), Regional office of the MoEF, Western Region, Kendriya Paryavaran Bhawan, Link Road No. 3 Ravi Shankar Nagar, Bhopal-462016.
8. Director, Geology & Mining, Madhya Pradesh, 29-A, Khanij Bhawan, Arera Hills, Bhopal - 462002.
9. District Mining Officer, District - Katni, M. P.
10. Guard file


 (Alok Nayak)
 Officer-in-Charge

