



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

Environmental Planning & Coordination Organization
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No: 3406 / SEIAA /16

Date: 3.9.16

To,
M/s Emerald Industries Ltd., Shri Anil Bhansali,
C.M.D, Gyan Ganga, Nadi Gate, Jayendraganj,
Lashkar, Gwalior (M.P) – 474009, Phone- 0751-4010787
E.mail – sanjayemerald@gmail.com.

Sub: Case No. - 1379/2013 - Prior Environmental Clearance for **B.T. Metal aggregate** (Opencast Manual / Semi Mechanized Method) in an area of 2.44 ha. for expansion of production capacity from 3,00,000 cum/year to 4,00,000 cum/year at Khasra no. 169 at Village-Sumerpada, Tehsil-Morar, District-Gwalior (M.P) by M/s Emerald Industries Ltd., Shri Anil Bhansali, C.M.D, Gyan Ganga, Nadi Gate, Jayendraganj, Lashkar, Gwalior (M.P) – 474009, E.mail – sanjayemerald@gmail.com, Phone - 0751-4010787

This has reference to your application received in SEIAA office on 01.08.2012 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. There is no National Park/Sanctuary and interstate boundary within 10 Km radius. There is no human settlement/water body within 500 m. from mining site. There is no forest boundary within 250m. from mining site.
- 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 360th meeting dtd. 12.08.2016 and decided to accept the recommendations of 207th SEAC meeting dtd. 22.07.2015.

Hence, Prior Environmental Clearance is granted for **B.T. Metal aggregate** (Opencast Manual / Semi Mechanized Method) in an area of 2.44 ha. for expansion of production capacity from 3,00,000 cum/year to 392080 cum/year (As per SEAC recommendation) at Khasra no. 169 at Village-Sumerpada, Tehsil-Morar, District-Gwalior (M.P) **for the lease period to M/s Emerald Industries Ltd., Shri Anil Bhansali, C.M.D, Gyan Ganga, Nadi Gate, Jayendraganj, Lashkar, Gwalior (M.P)–474009, E.mail–sanjayemerald@gmail.com, Phone-0751-4010787** subject to the compliance of following specific conditions as recommended by SEIAA & SEAC and subsequent standard conditions.

Specific Conditions

1. PP shall not start mining activity before execution of lease agreement.
2. The depth of the pit shall be as per the Approved Mining Plan.

3. Before commencing the mining activity, site demarcation should be done leaving 100m. from nearest human habitation and water body bund as a "no mining zone". The demarcation should be done by the Revenue Officials in the presence of Mining Officer, Gwalior.
4. The depth and length of the present garland drain should be increased as per the EMP and make 13 settling tank along the cluster to avoid flow of silt in the nearby Nalla.
5. PP has committed to plant 20500 trees inside and outside the lease area. He will undertake plantation of trees in consultation with the Collector, Gwalior in areas outside the lease area.
6. Under CSR PP should adopt a village and undertake the following activities :-
 - a) Providing sanitation facilities and clean drinking for the schools near the mine site in consultation with Collector, Gwalior.
 - 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.
7. PP has committed and expenditure of Rs. 14.50 lakh under EMP for Environmental Monitoring. RO, MPPCB, Gwalior should ensure regular air, water & noise monitoring.
8. The approach road from the mining lease area upto the PWD road is 8 km. PP will strengthen and consolidate the existing road so as to avoid and reduce the air pollution. PP will also plant trees along the 8 km stretch of the Kaccha Road.
9. PP will ensure air pollution control measures and plant two rows of trees around the crusher area.
10. PP shall ensure to construct the shelter for the labours, proper health check-up of workers and payment wages to the workers as per labour laws.
11. Controlled blasting should be carried out only during the day time.
12. Water shed management shall be carried out in the region so as to feed water bodies proposed to be developed at the end of mining.
13. Possibility shall be explored with concerned authorities to take up additional plantation on the nearby hillocks.
14. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
15. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
16. Transportation of material shall be done in covered vehicles.
17. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
18. Curtaining of site shall be done using appropriate media.
19. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
20. Transportation shall not be carried out through forest area.
21. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.

22. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
23. 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..

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.

o/c 
(Anupam Rajan)
Member Secretary

3407
Endt No. / SEIAA/16 Dated: 3.9.16
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, Gwalior, M. P.
5. Divisional Forest Officer, District, Gwalior, M. P.
6. I.A. Division, Monitoring Cell, MoEF & CC, Gol, Indra 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, Khanij Bhavan, Arera Hills Bhopal M.P.
9. District Mining Officer, District, Gwalior, M. P.
10. Guard file

o/c 
(Ravi Chaturvedi)
Officer-in-Charge