



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

Environmental Planning & Coordination Organization

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No: 5414 / SEIAA /17

Date: 2.3.17

To,

M/s Kisan Minerals Pvt. Ltd.

MIG – 34, Near Desent School, Behind Circuit House

Pathapur Road, , District Chhatarpur (M.P)

Sub: - Case No. 4425/2015 Prior Environmental Clearance for **Granite Quarry** (Open cast other than fully mechanized method) in an area of 9.50 ha for production capacity of 24,000 cum/year at khasra no 587 P at Village- Madwa, Tehsil-Lovekush Nagar, District-Chhatarpur (M.P.) by M/s Kisan Minerals Pvt. Ltd. MIG – 34, Near Desent School Behind Circuit House Pathapur Road, , District Chhatarpur (M.P)

This has reference to your letter received in SEIAA office on 10.11.2015 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, the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) and State Environment Impact Assessment Authority (SEIAA) constituted by the competent Authority.

II. It has been noted that the proposal is for **Granite Quarry** in an area of 9.50 ha. The mining lease area is located at khasra no 587 P at Village- Madwa, Tehsil-Lovekush Nagar, District-Chhatarpur. The nearest village Madwa is adjoining at E side & the nearest Mudihar Ghat Nalla is located at the distance of 1.0 km - SE. Geographically mining lease area falls under the co-ordinates latitude $25^{\circ} 04' 48.9''$ N to $25^{\circ} 05' 03.7''$ N & longitude $80^{\circ} 01' 26.4''$ E to $80^{\circ} 01' 39.4''$ E. There is no National Park/Sanctuary within 10 Km radius. There is no forest boundary within 250 m from mining site.

The proposed project is for production capacity of 24,000 cum/year. The mining will be carried out by Open cast other than fully mechanized. The water requirement is 320 KLD. The water met from Ground water and Sump will be used for domestic purpose, dust suppression, wire saw and green belt development. An area of 2.0 ha shall be covered under plantation.

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 406th meeting dtd. 06.02.2017 and decided to accept the recommendations of 65th SEAC-II meeting dtd. 17.01.2017.

Hence, Prior Environmental Clearance is granted for **Granite Quarry** (Open cast other than fully mechanized method) in an area of 9.50 ha for production capacity of 24,000 cum/year at khasra no 587 P at Village- Madwa, Tehsil-Lovekush Nagar, District-Chhatarpur (M.P.) for the lease period to M/s Kisan Minerals Pvt. Ltd. MIG – 34, Near Desent School Behind Circuit House Pathapur Road, , District Chhatarpur (M.P.), subject to the compliance of following specific conditions as recommended by SEIAA & SEAC and subsequent Standard Conditions.

A. Specific Conditions


1. The PP shall demarcate a minimum buffer zone of 100 m from nearest habitation on the eastern and southern side, 15 m buffer zone between the two existing mines & 50 m from the existing pond HFL periphery in consultation with Revenue/Mining Department around the mining lease area and this area will be treated as "no mining activity zone".
2. Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.
3. Greenbelt of 1.50 ha will be reserved for peripheral plantation with proper fencing. It should be done in first year and proper arrangements of water should be made for the plantation purpose.
4. PP shall ensure dumping of overburden dumps outside the lease area for which they have taken the permission of Collector, Chhatarpur.
5. Crusher will not be installed within 500 m from the human habitation.
6. Backfilling of barrier zone from the existing dumps before commencement of mining activity.
7. PP shall ensure to construct cross trenches to carry rain water in garland drains.
8. Common garland drain along waste dumps (length of 1109 mt & depth of 1.50 m x 1.5 m. width) & along the foot of hillock (length of 500 mt & depth of 1.50 m x 1.5 m. width) and 3 settling tanks (1.25 ha x 4m, 0.28 ha x 4m and 0.92 ha x 4m) shall be constructed all around the two adjoining mines of the same PP. PP shall also ensure the proper cleaning and maintenance of garland drain and settling tank. There will be no discharge in the existing village pond.
9. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the labourers. The additional budgetary provision under CSR for the same which is one time capital cost besides the other budgetary provisions made.
10. PP will ensure to construct 1.6 km. pakka tar road from mining site to the Highway and 250 m. approach from haul road to the cutting & polishing factory (existing) for the movement of trucks.
11. PP must ensure safe disposal of pit water accumulation after ascertaining safe water quality parameters and with the consent of the MPPCB.
12. For carrying out scientific mining, PP has proposed height of bench to be 7 m. (2 nos.).
13. PP must ensure adequate measures to reduce air emissions at the point of loading and unloading dumping site. It could be in the form of a wall upto 3 m.
14. Under CSR activity in addition to the proposed activities following activities should be added.
 - a) Skill up-gradation programme for the villagers of nearby villages under Digital India Scheme.
 - b) PP shall also provide separate toilet facility for girls and boys with proper arrangement of water (water tanks & Pumps) in the school of nearby village.
 - c) Drinking water facilities for villagers of nearby villages.
 - d) All the above activities shall be carried out in consultation with Gram Panchayat.
15. The appropriate budget provision shall be made for the CSR activities..
16. 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.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. Transportation of material shall be done in covered vehicles
19. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
20. Curtaining of site shall be done using appropriate media
21. The proposed plantation should be carried out along as per the submitted proposal and PP would maintain the plants for five years including casualty replacement.
22. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.

23. Transportation shall not be carried out through forest area.
24. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
25. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
26. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
27. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
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.
29. Mining should be done as per the submitted land use plan submitted by PP.

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. 5415
 Copy to:-

/ SEIAA/17 Dated: 2.3.17

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 Chhatarpur, M. P.
5. Divisional Forest Officer, District Chhatarpur, 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 Chhatarpur, M. P.
10. DEO, SEIAA – for upload on website.
11. Guard file


 (Dr Sanjeev Sachdev)
 Officer-in-Charge