



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

Environmental Planning & Coordination Organization

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No: 4895 / SEIAA /17
Date: 6.1.17

To,
M/s M.K.S Minerals & Marbles
Shri Sanjay Dubey Partner,
R/o Azad Ward,
P.O & District- Mandla (M.P.) - 481662

Sub: Case No. – 5442/2016 Prior Environmental Clearance for **Khadaura Granite Mine (Opencast Semi Mechanized Method)** in an area of 6.34 Ha., for production capacity of 42000 M³ / year (17000 M³ / Annum, and weathered Granite 25000 M³ / Annum) at Khasra Nos. 221, 222, 224, 225, 236,/1, 237, 238, 251, 253, 255 at Vill.- **Khadaura**, Teh.-Majholi, District-Sidhi (M.P.) by M/s M.K.S Minerals & Marbles Shri Sanjay Dubey Partner, R/o Azad Ward , P.O & District- Mandla (M.P.) - 481662.

This has reference to your application received in SEIAA office on 06.10.2016 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 **Khadaura Granite Mine** in an area of 6.34 ha. The mining lease area is located in Khasra no. 221, 222, 224, 225, 236,/1, 237, 238, 251, 253, 255 at Village- **Khadaura**, Teh.-Majholi, District-Sidhi (M.P.). Geographically mining lease area falls under the co-ordinates latitude 24^o08'05.2"N to 24^o08'22.3"N and longitude 81^o42'10.4"E to 81^o42'23.3"E. There is no interstate Boundary within 10 km radius. There is no forest boundary within 250 m.

The proposed project is for production capacity of **42000 M³ / year** (17000 M³ / Annum, and weathered Granite 25000 M³ / Annum). The mining will be carried out by Opencast Semi Mechanized Method. The Mining plan is approved by the D&GM (vide letter no. 3763 dtd. 10.03.2016). The area 3.70 ha area shall be covered under plantation and 3700 saplings shall be planted at the end of lease period. The water requirement is 15 cum/day (09 cum/day Dust Suppression & drilling etc + 03 cum/day Green Belt + 03 cum/day Drinking/Domestic purpose), which shall be met by bore well & mine sump.

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 394th meeting dtd. 08.12.2016 and decided to accept the recommendations of 57th SEAC-II meeting dtd. 09.11.2016.

Hence, Prior Environmental Clearance is granted for **Khadaura Granite Mine (Opencast Semi Mechanized Method)** in an area of 6.34 Ha., for production capacity of 42000 M³ / year (17000 M³ / Annum, and weathered Granite 25000 M³ / Annum) at Khasra Nos. 221, 222, 224, 225, 236, /1, 237, 238, 251, 253, 255 at Vill.- **Khadaura**, Teh.-Majholi, District-Sidhi (M.P.), **for the lease period** to M/s M.K.S Minerals & Marbles Shri Sanjay Dubey Partner, R/o Azad Ward , P.O & District- Mandla (M.P.) - 481662, 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 shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signages at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP
2. PP shall install the proper sign boards highlighting the dangers of trespassing by the villagers at 100 m. distance all around the lease area.
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. Greenbelt of 2.20 ha will be reserved for peripheral plantation and properly fencing it should be done during first year and proper arrangements of water should be made for the plantation.
6. Area available as non mineable area between two working pit shall be maintain as green belt.
7. Garland drains shall be constructed around lease area in Length – 3100m, Width – 2m and Depth – 1.5m and will be diverted to settling tank. 3 settling tanks shall be constructed up to depth 3.0m in 1325 sqm area in NW, east & western side, one intermediate settling tank of size 15m x 7m x 3m shall also be constructed. PP shall also ensure the proper cleaning and maintenance of garland drain and settling tank.
8. SEAC has put a condition for obtaining Wild Life Clearance from NBWL and PP has submitted application also. No mining activity shall commence till the Wild Life Clearance is given by the National Board for Wild Life. The OM dated 02.12.2009 shall be applicable in this particular case. Mining Officer, Sidhi shall be responsible for compliance.
9. Grant of environmental clearance does not necessarily implies that wildlife clearance shall be granted to the project and that their proposals for wildlife clearance will be considered by the respective authorities on their merits and decision taken.
10. Transportation of minerals shall not be carried out from forest area and nearby villages
11. Monthly air & water quality monitoring shall be carried out by PP in consultation with Regional Officer, MPPCB. Sidhi.
12. PP shall ensure protection and conservation of 28 existing trees falling within the 7.5 m. barrier zone of mining lease area and in no way these will be permitted to be cut / uprooted
13. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
14. Controlled blasting shall be done with a very little charge, just to fracture it along the line of the boundary of the block & fallow up DGMS standards by PP.
15. Proper infrastructure with shelter, drinking water, toilet and first-aid facility shall be developed for the labourers. The additional budgetary provision under CSR for the same which is one time capital cost besides the other budgetary provisions made.
16. The approach road measuring 1.75 km. with 7.5 m. width from Khadaura – Majhauri road to the mines shall be constructed as tar road for the movement of trucks at the cost of PP.

17. The PP shall demarcate a minimum buffer zone of 100 m from the periphery of the nearest human habitation in consultation with Revenue/Mining Department around the mining lease area and this will be treated as "no mining activity zone".
18. Under CSR activity in addition to the proposed activities following activities should be added:
 - a) Promotion of Swachh Bharat Abhiyan
 - b) Monthly health checkup of worker & their families and Health awareness camps for local community in village Khadaura, Paipkhara and Baniya Tola
 - c) Financial Assistance for Construction of separate toilets for boys and girls in schools in village Khadaura, Paipkhara and Baniya Tola (two per year)
 - d) Providing Computer in the Higher Secondary school in village Khadaura along with an instructor
 - e) Organizing Education camp for farmers to provide information on modern techniques and drip irrigation system to increase agricultural yield/improvement in village Khadaura, Paipkhara and Baniya Tola
 - f) Promoting & installing the non conventional sources of Energy viz distribution of Solar cooker and supply of LED bulb 500 number every year in village Khadaura, Paipkhara and Baniya Tola.
19. PP has proposed a budget provision Rs 7.80 lakhs for the CSR activities. Additional budget of Rs 28.75 lakh has been made for construction of khadaura PWD road.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
21. Transportation of minerals shall not be carried out through forest area.
22. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
23. 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.
24. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
25. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
26. For disposal of weathered granite permission of competent authority should be obtained by the PP.
27. There are 13 houses located within 500 meters periphery of the lease area, so dense plantation should be carried out towards their houses by PP to act as a barrier against dust pollution.
28. 131 trees within the lease area are proposed to be uprooted for which permission of competent authority should be by the PP. PP should also ensure to plant minimum 05 times trees against proposed tree falling.
29. The project authorities should comply with the provisions made in the Hazardous Waste (management, handling & Trans-boundary Movement) Rules 2016 for handling and disposal of used/waste oil generated from DG set.
30. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
31. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
32. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

33. 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.
34. PP will comply with all the commitments made in by the letter dated 09/11/2016.

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.

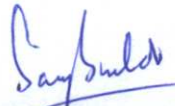
20. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
21. Any appeal against this prior environmental 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.

OR

(Anupam Rajan)
Member Secretary

4896
Endt No. / SEIAA/16 Dated: 6.1.17
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 - Sidhi, (M. P.)
5. Divisional Forest Officer, District – Sidhi, (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 - Sidhi, (M. P.)
10. DEO, SEIAA, for update on website
11. Guard file

OR

(Dr. Sanjeev Sachdev)
Officer-in-Charge