सत्यमेव जयते

State Environment Impact Assessment Authority, M.P.

(Ministry of Environment, Forest and Climate Change, Government of India)

Environmental Planning & Coordination Organization

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No.: 2272 /SEIAA/19
Date : 20.9.19

To,
Shri Jagannath Singh,
Village - Chitwar, Tehsil - Rampur - Baghelan,
Dist. - Satna, MP – 474006

Case No. – 6370/2019 Prior Environment Clearance for **Stone Quarry** (opencast manual/semi mechanized method) in an area of 1.761 ha. for production capacity of 10000 cum per annum at Khasra No. 419/3/Kha, 419/3/Ka, 419/1/Ka/1/Kha, 419/2, 419/1/K/3 at Village - Katiga, Tehsil - Rampur - Baghelan, Dist. - Satna (MP) Shri Jagannath Singh, Village - Chitwar, Tehsil - Rampur - Baghelan, Dist. Satna, MP – 474006.

This has reference to your letter received in SEIAA office on 18.06.2019 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 & II, 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. There is no National Park/Sanctuary/Biodiversity area within 10 Km radius. There is no forest boundary within 250 m. from mine site.

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.

III. 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 565th meeting dtd. 20.08.2019 and decided to accept the recommendations of 385th SEAC dated 12.07.2019.

Hence, Prior Environmental Clearance is granted for Stone Quarry (opencast manual/semi mechanized method) in an area of 1.761 ha. for production capacity of 10000 cum per annum at Khasra No. 419/3/Kha, 419/3/Ka, 419/1/Ka/1/Kha, 419/2, 419/1/K/3 at Village - Katiga, Tehsil - Rampur - Baghelan, Dist.-Satna (MP) **for the lease period to** Shri Jagannath Singh, Village - Chitwar, Tehsil - Rampur - Baghelan, Dist. - Satna, MP – 474006, 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 signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.
2. 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. Three row plantations shall be carried out in the greenbelt area in current year with proper watering arrangement.
3. PP shall not start mining activity before execution of lease agreement.
4. The depth of the pit shall be as per the Approved Revised Mining Plan.
5. Before commencing of the mining activity, site demarcation should be done leaving 100 m. from settlement leaving 10 m. from kachha road and 50 m from nalla located nearby ML area as a "no mining zone". The demarcation should be done by the Revenue Officials in the presence of Mining Officer, Satna.
6. PP shall ensure three rows of plantation towards the settlements located nearby lease area.
7. PP shall ensure to construct garland drain with settling tank all around the lease area and regular cleaning & maintenance shall also be carried out by PP.
8. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
9. Total 1800 saplings shall be planted by PP in first three years under plantation programme but PP should ensure to plant 3 years old saplings of suitable local tree species Lease boundary, Village side & approach road. Plantation of Neem, Pipal, Bargad, Mango, Jamun, Guava, Sissoo, Amaltas, Munga, Kathal etc. will be planted on priority.
10. PP shall ensure to construct pakka approach road and maintained it. Plantation will be carried out on both side of the approach road.
11. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
12. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
13. PP shall ensure the proper water supply arrangements for dust suppression, regular sprinkling, plantation and drinking purposes especially in summer season.
14. PP shall ensure proper implementation of plantation, dust suppression, construction of approach road and maintenance of existing pakka road as part of Environmental Management Plan. Additional budget provision shall be made as part of EMP.
15. PP must ensure implementation of the following activities with separate budget provision of Rs. 0.60 Lakh/years under CER.
    a) Construction of separate toilets facilities with proper water arrangement (overhead tank with capacity of 2000 litter) for boys & girls at govt. school at nearby village.
    b) renovation/repairing work of govt. primary school class room at village Katiga.
    c) Distribution of chairs & tables sets in govt. primary school at village Katinga.
    d) Installation of swings, see saw and water filter in govt. primary school at nearby villages.

    The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Gram Panchayat.
16. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA. If PP is failed to upload or submit two consecutive half yearly compliance reports

of EC conditions to concerned authority (SEIAA and Regional Office, MoEF&CC,GoI,Bhopal) than prior environmental clearance issued to PP will automatically be treated as cancelled/ revoked as per OM No. 930/SEIAA/2019 dated 30.05.2019 issued by MPSEIAA.

17. A budgetary provision for Environmental management Plan of Rs 6.09 Lakh as capital and Rs 3.19 Lakh/year and CSR of Rs 3.00 lakh/ year has proposed.
18. Mining should be carried out as per the submitted land use plan and approved mine plan.
19. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
20. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
21. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
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. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
24. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
25. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
26. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
27. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
28. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
29. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
30. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
31. 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.
32. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.

33. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.

34. 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.

35. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

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.

(**Jitendra Singh Raje**)
Member Secretary

Endt No. 2273 / SEIAA/19 Dated: 20.9.19

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 – Satna (M. P.)
5. Divisional Forest Officer, District - Satna (M. P.)
6. I.A. Division, Monitoring Cell, MoEF& CC, GoI, 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 - Satna (M. P.).
10. DEO, SEIAA, for update on website.
11. Guard file.

(**Dr. Sanjeev Sachdev**)
Officer-in-Charge