



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

**Environmental Planning & Coordination Organization**

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No: 812 / SEIAA /19

Date:

23.5.19

To,

Shri Gajraj Singh  
S/o Shri Pancham Singh,  
Resi - Village - Barua, Tehsil - Gaurihar,  
Dist. Chhatarpur, MP - 474001

Sub:- **Case No.6024/2019** – Prior Environmental Clearance for Sand Quarry (Open cast manual method) in an area of 2.40 ha. for production capacity of 53366 cum / year at Khasra No. 608/1 at Village - Barua, Tehsil - Gaurihar, Dist. Chhatarpur (MP) by Shri Gajraj Singh S/o Shri Pancham Singh, Resi - Village - Barua, Tehsil - Gaurihar, Dist. Chhatarpur, MP - 474001

- I. This has reference to your letter received in SEIAA office on 22.03.2019 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, 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 Sand Quarry in an area of 2.40 ha. The mining lease area is located at khasra no. 608/1 at Village - Barua, Tehsil - Gaurihar, Dist. Chhatarpur There is no human settlement within 500 m. There is no National Park/Sanctuary within 10 Km radius. 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 14<sup>th</sup> 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 545<sup>th</sup> meeting dtd. 03.05.2019 and decided to accept the recommendations of 361<sup>st</sup> SEAC dtd. 12.04.2019.
- V. Hence, **Prior Environmental Clearance is granted for Sand Quarry (Open cast manual method) in an area of 2.40 ha. for production capacity of 53366 cum / year at Khasra No. 608/1 at Village - Barua, Tehsil - Gaurihar, Dist. Chhatarpur (MP) for TP period to Shri Gajraj Singh S/o Shri Pancham Singh, Resi - Village - Barua, Tehsil - Gaurihar, Dist. Chhatarpur, MP - 474001., subject to the following specific conditions as recommended by SEIAA & SEAC and subsequent Standard Conditions.**

## A. SPECIFIC CONDITIONS

1. The production capacity shall be limited to the quantity approved by SEAC.
  2. The depth of the pit shall be as per Approved Mining Plan.
  3. No ramp will be allowed within the river basin to transport sand to the other bank. Transportation will be allowed on the bank side where the mineral is being excavated.
  4. The entire lease area should be properly fenced and boundary stones marked at the site.
  5. Before commencing the mining activity, site demarcation should be done by the Revenue Officials in the presence of Mining Officer, Chhatarpur.
  6. Total 2500 saplings shall be planted by PP in First years under plantation programme suitable indigenous tree species Lease boundary & approach road. Plantation of Neem, Peepal, Bargad, Kabeet, Bel Patra, Arjun, Mahua, Mango, Jamun etc. on priority shall be ensured by PP.
  7. Over loading will be strictly prohibited.
  8. Transportation from the dense populated area will be avoided as committed by PP.
  9. Water sprinkling will be done on the approach road on the regular basis.
  10. PP shall ensure implementation of the following activities with budget provision Rs. 4.00 lakhs under CSR.
    - (a) Leveling of school play ground , construction of school toilet and repairing/ whitewash of school building & Installation of earthen/ clay water filter at Panchayat at village Barua.
    - (b) Installation a hand pump at village common area and concreting of the surface around it & Repairing & white wash of school building and village Parai.
- 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**
11. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.
  12. Production of Sand as per mine plan with quantity not exceeding 53,366 cum/year.
  13. A budgetary provision for Environmental management Plan of Rs. 11.20 Lakh as capital and Rs 33.50Lakh/year and under CSR Rs. 2.00 Lakh/years.
  14. Mining should be done only to the extent of reclaiming the agricultural land.
  15. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
  16. The mining shall be carried out strictly as per the approved mining plan.
  17. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
  18. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the

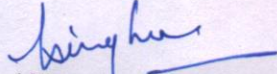
- evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
19. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
  20. Transportation of material shall only be done in covered & 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. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
  23. No Mining shall be carried out during Monsoon season.
  24. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
  25. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
  26. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. 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.
  27. 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.
  28. 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.
  29. 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.
  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.
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. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: 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**

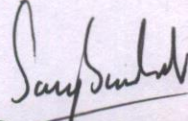
- 1 The banks on the curve of the river regime should be stabilized by proper bunds and then proper plantation should be carried out. Collector, should monitor so that the sand mining should not disturb the ecology of the region.
- 2 Mining will be carried out as per the approved Mining Plan. In case of any violation of Mining Plan the Environmental Clearance given by SEIAA will stand cancelled.
- 3 It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
- 4 It shall be ensured that mining does not in any way disturb the turbidity, velocity and flow pattern of the river water.
- 5 It shall be ensured that there is no fauna dependant on the river bed or areas close to mining for its nesting.
- 6 Precise mining area will be jointly demarcated at site by officials of Mining/Revenue department prior to mining operations for all proposals under consideration.
- 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 The project proponent will ensure necessary protection measures around the mine pit, waste dumps.
- 11 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.
- 12 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.
- 13 Project Proponent shall ensure appropriate arrangement for shelter and drinking water for the mine workers.
- 14 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.

- 15 Dispensary facilities for first-aid shall be provided at site.
- 16 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
- 17 The Ministry or any other competent authority may alter/modify the conditions or stipulate any further condition in the interest of environment protection.
- 18 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.
- 19 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. 813 / SEIAA/19 Dated: 23.5.19  
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 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. Guard file

  
(Dr Sanjeev Sachdev)  
Officer-in-Charge