



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

Environmental Planning & Coordination Organization

Paryavaran Parisar, E-5. Arera Colony

Bhopal-4620 16

visit us <http://www.mpseiaa.nic.in>

Tel:0755-2466970, 2466859

Fax : 0755-2462136

No: 938 / SEIAA /18
Date: 2.6.18

To,

M/s. Heera Power & Steel Ltd.

Shri O.G. Goyal (Executive Director)

Plot no.557,563,&564 Ultra Industrial Complex Raipur (CG) – 492003.

Sub:- **Case No. 3298/2015** : Prior Environmental Clearance for Dolomite Mine (Opencast Mechanized method) in an area of 13.25 ha for production capacity of 4,59,705 TPA (As per SEAC Recommendation) Khasra Nos. Block HK1-1399, 1406, 1440, 1441, 1442, 1443, 1444/1, 1444/2, 1444/3, 1444/4, 1444/5, 1444/6, 1445, 1446, 1447, 1448, 1489/1, 1489/2, 1489/3, 1491, 1492, 1493, 1494, 1495, 1496, 1497 Block HK3- 1425,1427,1449/1,1430,1431,1442,1455/1, 1455/2,1456,1457,1458 at Village- Kakiya, Tehsil - Bichiya, Dist. - Mandla (MP) by M/s. Heera Power & Steel Ltd. Shri O.G. Goyal (Executive Director) Plot no.557,563,&564 Ultra Industrial Complex Raipur (CG) – 492003

- I. This has reference to your letter received in SEIAA office on 18.06.2015 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 **Dolomite Mine** in an area of 13.25 ha. The mining lease area is located at khasra no. Block HK1-1399, 1406, 1440, 1441, 1442, 1443, 1444/1, 1444/2, 1444/3, 1444/4, 1444/5, 1444/6, 1445, 1446, 1447, 1448, 1489/1, 1489/2, 1489/3, 1491, 1492, 1493, 1494, 1495, 1496, 1497 Block HK3- 1425,1427,1449/1,1430,1431,1442,1455/1, 1455/2,1456,1457,1458 at Village Kakaiya, Tehsil Bichhiya, District Mandla. The nearest village Kakaiya is located at the distance of 1.0 km S & the nearest Surpan Nadi is located at the distance 2.0 km - N.
- III. There is no National Park/Sanctuary within 10 Km radius. The mining site situated in reserved forest area. PP has submitted NOC of the Commissioner Committee Jabalpur report regarding mining lease area subject to all conditions given in Commissioner Committee report.
- IV. The proposed project is for production capacity of 4,59,705 TPA. The mining will be carried out by Open cast semi mechanized Method. The water requirement is 9 KLD. The water met from existing bore well will be used for domestic purpose, dust suppression and green belt development. An area of 0.945 ha area shall be covered under plantation and 1890 sapling shall be planted.

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- V. 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.
- VI. 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 484th meeting dtd. 17.05.2018 and decided to accept the recommendations of 61st SEAC-II meeting dtd 25.11.2016.

Hence, Prior Environmental Clearance is granted for Dolomite Mine (Opencast Mechanized method) in an area of 13.25 ha for production capacity of 4,59,705 TPA (As per SEAC Recommendation) Khasra Nos. Block HK1-1399, 1406, 1440, 1441, 1442, 1443, 1444/1, 1444/2, 1444/3, 1444/4, 1444/5, 1444/6, 1445, 1446, 1447, 1448, 1489/1, 1489/2, 1489/3, 1491, 1492, 1493, 1494, 1495, 1496, 1497 Block HK3-1425,1427,1449/1,1430,1431,1442,1455/1, 1455/2,1456,1457,1458 at Village- Kakiya, Tehsil - Bichiya, Dist. - Mandla (MP) for the lease period to M/s. Heera Power & Steel Ltd. Shri O.G. Goyal (Executive Director) Plot no.557,563,&564 Ultra Industrial Complex Raipur (CG) – 492003 subject to above specific conditions., subject to the compliance of following specific conditions as recommended by SEIAA & SEAC and subsequent Standard Conditions.

A. SPECIFIC CONDITIONS

1. PP will carry out mining activities only on those lands bearing Khasra Nos. Block HK1-1399, 1444/1, 1444/2, 1444/3, 1444/4, 1444/5, 1444/6, 1491, 1494 and 1458 in which PP has obtained consents of land owners and mining activities shall be initiated only after getting NOC/ consent of remaining Land owners as per Rules 22(3)(J) of Mineral Concession Rules- 1960 with regard to DGM letter No. 7376/F 3-4/2012/12/2 dated 27.4.18 on Khasra Nos. Block HK1-1406, 1440, 1441, 1442, 1443, 1445, 1446, 1447, 1448, 1489/1, 1489/2, 1489/3, 1492, 1493, 1495, 1496, 1497 Block HK3-1425,1427,1449/1,1430,1431,1442,1455/1, 1455/2,1456 and1457.
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. Plantation programme as mentioned in EIA/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 plantation shall be carried out in the greenbelt area in current year with proper watering arrangement. The Chain-link fencing (10 ft.height) all around the mining lease area.
5. 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.
6. PP should ensure to Plantation of Drumstick, Neem Peepal ,Bargad, Neem plants on priority shall be ensured by PP
7. The over burden and waste will be stacked for five years and then simultaneously backfilled in the mined out area where plantation will be raised on it.
8. PP shall ensure to construct and maintain approach road and maintained the existing pakka road in consultation with District Administration. Plantation will be carried out on both side of approach road.
9. The over burden and waste will be stacked for five years and then simultaneously backfilled in the mined out area where plantation will be raised on it.
10. No overburden will be dumped outside the mine lease area.
11. No blasting shall be permitted in the mining lease area.

12. Regular air & water quality monitoring shall be carried out by PP before discharging it into the nearby agriculture fields from authorized laboratory in consultation with Regional Officer, MPPCB.
13. PP shall ensure generation of employment opportunities nearby Village on priority bases.
14. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
15. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the laborers. A provision should be made to construct a pakka rest shelter along with toilet and drinking water facility.
16. PP should also carry out regular sprinkling in the mining lease area to arrest dust emission from mining activities affecting the nearby agriculture fields
17. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
18. PP shall ensure the proper water supply arrangements for plantation especially in summer season.
19. PP shall ensure proper implementation of plantation, dust suppression, approach road construction, maintenance of existing pakka road and constructed of garland drain with settling tank specially for prevention of pollution in nearby lake as part of Environmental Management Plan. Additional budget provision shall be made as part of EMP.
20. PP must ensure implementation of the following activities with separate budget provision should be kept under CSR :
 - a) Promotion of Skill development, Quality Education & Vocational Training for youth & women's.
 - b) Contribution for Infrastructure development – Play Ground, Roads & Drainage System.
 - c) Medical Health check up camp for nearby villagers.
 - d) Need Base activities of Local authorities requirement.

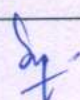
The modification to the above activities can be made with the permission of the district administration and need based activity for the development of nearby villages shall be implemented by PP in consultation with the District Collector and Grampanchayat.

21. PP should ensure to submit half yearly compliance report and CSR activity report with photographs of plantation in MP-SEIAA.
22. Production of Dolomite as per mine plan with quantity not exceeding 4,59,705 TPA.
23. 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.
24. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
25. Transportation of material shall be done in covered vehicles.
26. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
27. Curtaining of site shall be done using appropriate media.
28. 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.
29. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
30. Transportation of minerals shall not be carried out through forest area.

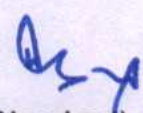
31. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
32. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
33. The lease is in forest area for which PP has obtained the conditional approval of Divisional Commissioner Level Committee thus the conditions stipulated by the Divisional Commissioner Level Committee should be complied 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. PP will comply with all the commitments made by him in the letter dated 25/11/2016.
36. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
37. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
38. Mining should be done as per the submitted land use plan submitted by PP.

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.



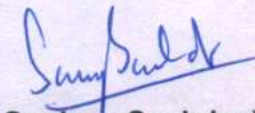
14. The vehicles transporting minerals shall be covered with a tarpaulin or other suitable enclosures so that no dust particles / fine matters escape during the course of transportation.
15. Project Proponent shall ensure appropriate arrangement for shelter and drinking water for the mine workers.
16. 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.


(P. Narahari)
Member Secretary

933
Endt No.
Copy to:-

/ SEIAA/18 Dated: 2.6.18

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 Mandla, M. P.
5. Divisional Forest Officer, District Mandla, 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 Mandla, M. P.
10. Guard file


(Dr Sanjeev Sachdev)
Officer-in-Charge